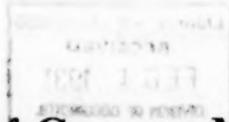


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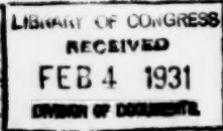
THE COMMAND AND GENERAL STAFF SCHOOL
Fort Leavenworth, Kansas *Library*



Review of Current Military Writings

June 1930

1929-1930
Fourth Quarter



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REVIEW OF CURRENT MILITARY WRITINGS

Volume IX

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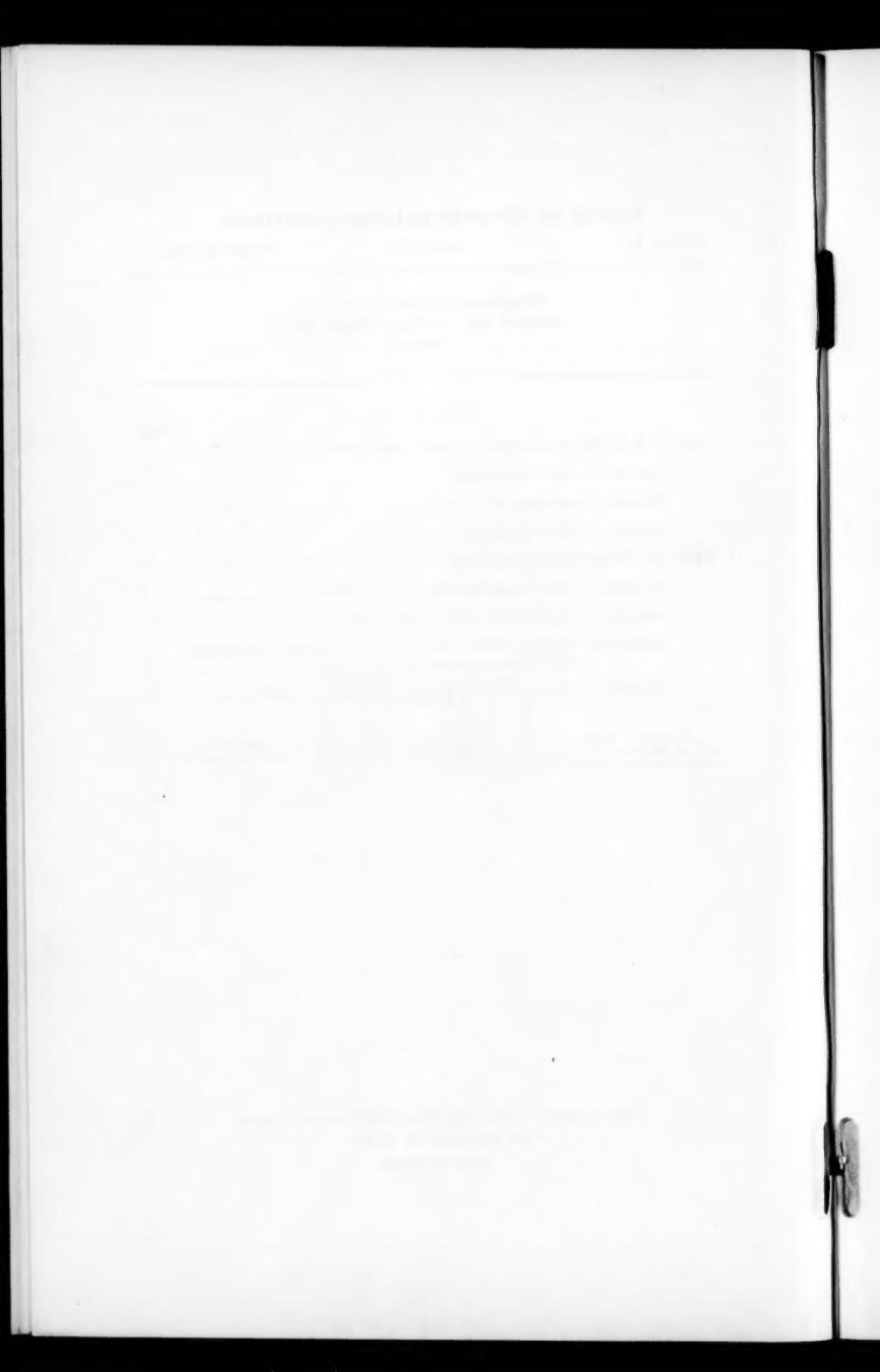
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*Omitted. Books and documents accessioned during the period, 1 April—30 June 1930, will be cataloged and indexed in the, 1930 SUPPLEMENT, LIBRARY CATALOG; together with other accessions for the past School year.

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PART II PERIODICAL LITERATURE

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EXPLANATION

PART II covers the field of current periodical literature as received by the Library, so far as concerns this School in particular and the military profession in general. The periodicals received are listed and grouped in Section 4; articles selected therefrom are cataloged in Section 5 and indexed by subject in Section 6; Section 7 is added to present translations or abstracts of a few of the more important foreign-language articles.

Section 4—Periodicals Received by the Library—lists all such, arranged in the two general categories of: (1) military-naval; (2) general periodicals. In each category the periodicals are grouped by particular subjects and the index publications covering the field of each group are shown. This section should be consulted directly for the following information:

- (1) Complete list of periodicals received
- (2) Periodicals in a particular field or group
- (3) Index publications covering a particular field
- (4) Page number in the RCMW of articles selected from a specific periodical.

Section 5—Catalog of Selected Periodical Articles—includes all articles selected from periodicals of the current quarter. The index (identifying) numbers and page indications of the periodicals in Section 4 serve as a directory for their location in Section 5; periodicals are arranged in the same sequence in both sections. The primary function of Section 5 is to serve as a catalog of complete data on each periodical article to which reference can be made from the abbreviated entries of the subject index in Section 6. For direct consultation Section 5 gives a quick resumé of all articles selected from any one periodical or from any particular group.

Section 6—Subject Index to Catalog of Selected Periodical Articles—performs the same function with respect to periodical literature as does the Subject Index (Section 2) for books; neither an author nor title index is included for periodical literature in the RCMW. This Section constitutes the essential element of Part II. It should be directly consulted, under appropriate subject headings, to locate material on any desired topic. The headings and arrangement of this subject index are uniform throughout the Library contents—books, documents, and periodical literature.

Section 7 is a supplement to present, within the limitations of School facilities, translations or abstracts of such foreign-language articles as are of particular importance.

Periodical literature and periodical indexes

Periodical literature.—The field of periodical literature is of fundamental importance in keeping abreast of the developments of the military—or any other—profession. A vast amount of valuable material appears first in, and often is exclusive to this field. The RCMW purposes to make available in readily accessible form the output of military and professional literature.

The current issues of all periodicals received are exposed on the shelves in the reading room of the Library; back numbers awaiting binding are

filed in the containers of the current issues. In general, all periodicals received are bound and accessioned as volumes are completed. Bound volumes are placed in the periodical section of the stack room, and are available for circulation.

Periodical Indexes.—Most of the periodicals received are indexed as to contents in the several index periodicals available in the Library. These index publications are of special interest to those engaged in study or investigation; they are the tools most used by professions and institutions of learning in keeping cognizant of current thought and progress in any particular field of human endeavor. By classifying current material under carefully selected headings they meet the need of the research worker for quick and efficient guidance to the best sources of information. These indexes, of course, cover in their respective fields many hundreds of periodicals not on the Library subscription list. Separate issues of such periodicals containing particular articles desired can be purchased usually from Library funds.

RCMW.—This quarterly indexes all articles, of possible interest to the School, contained in the *military* and *naval* periodicals received by the Library (*see* page 8). Because the periodicals in this category are not covered by any other index publication, the articles selected comprise all those of professional interest, including extra-military. Additionally the RCMW indexes from the general periodicals (*see* page 10) such articles as are of military-naval interest, even though these may be covered in other indexes.

READERS' GUIDE TO PERIODICAL LITERATURE.—Issued monthly; cumulated quarterly and annually. This publication is preeminently the standard index in the field of general periodical literature. Indexes by subject and author and, if a story or drama, by title. Covers more than 100 of the best periodicals in this country. The arrangement of entries is similar to that in the RCMW (*see* Section 6); all entries are in one alphabet, dictionary form, with frequent use of subheadings and cross-references.

PUBLIC AFFAIRS INFORMATION SERVICE.—Issued weekly; cumulated monthly and annually. "An association of public, university, and special libraries having as its sole object the publication of a current bibliography of selected material in English relating to economic, social, and political affairs." In this field it covers not only periodicals (nearly 1000 in number) but also books, documents, pamphlets, newspapers, manuscript, and compilations. The arrangement of material under subject headings is similar to that employed in the *Readers' Guide*. Besides the multitudinous subject headings the following topics are covered under each country:

Army; Census; Constitution; Diplomatic and consular service; Economic conditions; Finances; Foreign relations; Government and politics; Maps; Natural resources; Navy; Social conditions; Statistics.

SOCIAL SCIENCE ABSTRACTS.—Issued monthly; cumulated annually with an author index and an elaborate, systematic, and alphabetic subject index. This is a comprehensive abstracting and indexing journal of the world's periodical literature in the social sciences; the abstracts are non-critical summaries. This world-wide service involves 12,000 abstractors writing summaries of articles in their special fields together with 167 consulting and advisory editors. 3,000 periodicals in 22 languages are checked regularly for significant articles. The following summary indicates the scope of this invaluable publication:

Methodological materials—Historical method, statistical method, teaching and research; Human geography—population, economics, politics, regional studies; Cultural anthropology; History, including international relations, from earliest times to present; Economics, completely covering this field under 30 topics; Political science, 12 topics, including government (historical and descriptive), political parties and politics, legislative, administrative and judiciary, international law; Sociology, comprising 13 topics.

INTERNATIONAL INDEX TO PERIODICALS.—Published 5 times a year; cumulated annually. Indexes 300 periodicals of a scholarly and technical type; about 50 of these are published in Great Britain or the Dominions and 100 are in foreign languages. Its field embraces philosophy, theology, education, history, and the social sciences. Arrangement is similar to that in the *Readers' Guide*.

AUTOMOTIVE ABSTRACTS.—Issued monthly; no cumulations. This publication for the automotive industry abstracts articles from 150 periodicals in its field, under the following topics: Aeronautics; Vehicles and vehicle details; Materials; Manufacturing; Transport; Business and sales; Maintenance.

NEW YORK TIMES INDEX.—This quarterly indexes each daily issue of the *New York Times*. Because all major news happenings are published simultaneously throughout the country this index constitutes a "Master-Key to all Newspapers."

Section 4

PERIODICALS RECEIVED BY THE LIBRARY

Including index to Catalog of Selected Periodical Articles

EXPLANATION

(See also Explanation, page 5)

General.—This Section lists all periodicals and newspapers received by the Library, arranged by groups under the two categories of: (1) military and naval, and (2) general periodicals. The group numbers of the military-naval category conform generally to the corresponding military classification numbers of the Library contents; those of the general category are arranged in alphabetic sequence of subject matter. The list of periodicals is preceded by a Directory of Groups, from which may be located the magazines received in any particular field.

Arrangement.—Under each category or group are listed the index publications covering the field in question; these indexes, of course, cover many periodicals on the subject matter besides those received by the Library.

An index number precedes the title of each periodical from which articles are selected for incorporation in RCMW; it serves to identify the periodical in the Catalog of Selected Periodical Articles (Section 5).

The title is followed by an abbreviation in curves showing frequency of publication, as (bm) for bimonthly, (q) for quarterly. The country of publication, if foreign, follows in brackets. The page number locates (in Section 5) the articles, if any, selected during the current quarter.

Directory of Groups

MILITARY and NAVAL PERIODICALS

Group	Page	Group	Page
1. JOINT FORCES.....	8	4.08 COAST ARTILLERY.....	9
1.1 SERVICE LIBRARIES.....	8	4.09 AIR CORPS.....	9
2. GENERAL MILITARY.....	8	4.10 ENGINEERS.....	9
3. NATIONAL GUARD OR CMTC.....	8	4.11 SIGNALS.....	9
4. ARMS AND SERVICES.....	8	4.20 QUARTERMASTER.....	9
4.04 INFANTRY.....	8	4.21 MEDICAL.....	9
4.05 TANKS.....	9	4.22 ORDNANCE.....	9
4.06 CAVALRY.....	9	4.23 CHEMICAL WARFARE.....	10
4.07 FIELD ARTILLERY.....	9	4.80 NAVY AND MARINES.....	10

GENERAL PERIODICALS

5. AERONAUTICS, AUTOMOTIVE AND ENGINEERING.....	10	11. LIBRARIES.....	12
6. BOOKS AND BOOK REVIEWS.....	10	12. LITERARY AND GENERAL.....	12
7. CURRENT AFFAIRS.....	10	13. PERIODICAL INDEXES.....	13
8. ECONOMICS.....	11	14. SCIENCES.....	13
9. EDUCATION.....	12	15. SPORTS.....	13
10. GEOGRAPHY AND HISTORY.....	12	16. U. S. GOVERNMENT.....	13

MILITARY AND NAVAL PERIODICALS

RCMW indexes all periodicals in this category; see Section 5 (Catalog of Selected Articles) and Section 6 (Subject Index to Catalog . . .)
The index publications listed in Group 13, page 13, index articles of military-naval interest in the general periodical field.

Index number	1. Joint Forces	Selected articles page
1A —American Legion (m).....		15
1B —Army and Navy Courier (bm).....		15
1C —Army and Navy Journal (w).....		15
1D —Army and Navy Register (w).....		15
1E —Army, Navy and Air Force Gazette (w) [Great Britain].....		15
1F —Current Estimate of the Strategic Situation (War Department).....		
1G —Fighting Forces (q) [Great Britain].....		
1H —Guerra y su Preparacion (m) [Spain].....		
1J —Journal of the Royal United Service Institution (q) [Great Britain]..	15	
1K —Journal of the United Service Institution of India (q).....	16	
Review of Current Military Writings (q)		
1.1 Service Libraries		
Army War College—Library Accessions (m)		
Coast Artillery School Library Notes (q)		
Infantry School Library Bulletin (sm)		
Library Bulletin—Command and General Staff School		
Naval War College—Library Bulletin		
Review of Current Military Writings (q)		
2. General Military		
2A —American Rifleman (m)		
Army List and Directory.....		
2B —Army Quarterly (q) [Great Britain].....		16
2C —Boletin del Ejercito (m) [Cuba]		
2D —Bulletin Belge des Sciences Militaires (m) [Belgium]		
2E —Canadian Defence Quarterly (q) [Canada]		
2F —Intelligence Summary (War Department) (bw).....		16
Mailing List of the Command and General Staff School		
2G —Militär-Wochenblatt (w) [Germany].....		16
2H —Our Army (m).....		18
2J —Pointer (bw).....		18
Press Review (War Department) (w)		
2K —Recruiting News (sm).....		18
Review of Current Military Writings (q)		
2L —Revista Militar (m) [Argentina].....		18
2M —Revue Militaire Française (m) [France].....		19
3. National Guard Organized Reserves		
CMTC	ROTC	
3A —Pennsylvania Guardsman (m)		
4. Arms and Services		
4.04 Infantry		
4.04A —Infantry Journal (m).....		20
Infantry School Library Bulletin (sm)		
4.04B —Revue d'Infanterie (m) [France].....		20

Periodical Literature—Periodicals Received

Index number	Title	Selected articles page
4.05 Tanks		
Automotive Abstracts (m) (See index 5D)		
Automotive Industries (w) (See index 5E)		
4.05A	Royal Tank Corps Journal (m) [Great Britain].....	22
4.06 Cavalry		
4.06A	Cavalry Journal (q)	
4.06B	Cavalry Journal (q) [Great Britain]	
4.06C	Revue de Cavalerie (bm) [France].....	22
4.07 Field Artillery		
4.07A	Field Artillery Journal (bm).....	22
4.07B	Journal of the Royal Artillery (q) [Great Britain].....	22
4.07C	Revue d'Artillerie (m) [France].....	22
4.08 Coast Artillery		
4.08A	Coast Artillery Journal (m).....	23
Coast Artillery School Library Notes (q)		
4.09 Air Corps		
Aero Digest (m) (See index 5A)		
4.09A	Air Corps News Letter	
Air Ports (With semi-monthly, Airports News Supplement) (m) (See index 5B)		
Air Travel News (See index 5C)		
Automotive Abstracts (m) (See index 5D)		
Automotive Industries (w) (See index 5E)		
Aviation (w) (See index 5F)		
U. S. Air Services (m) (See index 5H)		
4.10 Engineers		
Engineering News-Record (w) (See index 5G)		
4.10A	Military Engineer (m).....	23
4.10B	Royal Engineers Journal (q) [Great Britain]	
4.11 Signals		
4.11A	Signal Corps Bulletin (bm).....	24
4.20 Quartermaster		
Automotive Abstracts (m) (See index 5D)		
Automotive Industries (w) (See index 5E)		
4.20A	Quartermaster Review (bm).....	24
4.20B	Remount (q).....	24
4.20C	Speedometer (U.S. Army) (m)	
4.21 Medical		
4.21A	Army Medical Bulletin.....	24
4.21B	Military Surgeon (m).....	24
4.22 Ordnance		
4.22A	Army Ordnance (bm).....	24
Automotive Abstracts (m) (See index 5D)		
Automotive Industries (w) (See index 5E)		

Index number	4.23 Chemical Warfare	Selected articles page
	Title	
4.23A —Chemical Warfare (m).....		24
	4.80 Navy and Marines	
4.80A —Information Bulletin (Navy Department) (m).....		24
4.80B —Marine Corps Gazette (q).....		24
4.80C —Naval Institute Proceedings (m).....		24
	Naval War College—Library Bulletin	

GENERAL PERIODICALS

5. Aeronautic, Automotive, and Engineering

Index publications covering this field: AUTOMOTIVE ABSTRACTS; INTERNATIONAL INDEX TO PERIODICALS; READERS' GUIDE

5A —Aero Digest (m)	
Air Corps News Letter (See index 4.09A)	
5B —Air Ports (With semi-monthly, Airports News Supplement) (m)	
5C —Air Travel News	
5D —Automotive Abstracts (m)	
5E —Automotive Industries (w)	
5F —Aviation (w)	
5G —Engineering News-Record (w)	
Military Engineer (bm) (See index 4.10A)	
Royal Engineers Journal (q) [Great Britain] (See index 4.10B)	
Speedometer (U.S. Army) (m) (See index 4.20C)	
5H —U. S. Air Services (m)	

6. Books and Book Reviews

(Many of the Military-naval, and general periodicals have book review departments)

Index publications covering this field: BOOK REVIEW DIGEST; BOOK-LIST; CUMULATIVE BOOK INDEX

Book Review Digest (m)	
Booklist (m)	
Bookman (m)	
Cumulative Book Index	
Library of Congress: New Books	
Literary Review (N. Y. Evening Post) (w)	
Literary Supplement to the London Times (w)	
New York Herald Tribune Books (w)	
New York Times Book Review (w)	
Public Documents Catalogue (Government Printing Office) (m)	
Publishers' Weekly (w)	
Review of Current Military Writings (q)	
Saturday Review of Literature (w)	
Weekly List of Selected United States Government Publications (Government Printing Office) (w)	

7. Current Affairs

National and International

Index publications covering this field: INTERNATIONAL INDEX TO PERIODICALS; NEW YORK TIMES INDEX; PUBLIC AFFAIRS INFORMATION SERVICE; READERS' GUIDE TO PERIODICAL LITERATURE; RCMW; SOCIAL SCIENCE ABSTRACTS

7A —American Journal of International Law (q).....	24
7B —Bulletin of the Pan American Union (m).....	

Periodical Literature—Periodicals Received

Index number	Title	Selected articles page
7C—Coalitionist (m)		
7CB—Congressional Record	Current Estimate of the Strategic Situation (See index 1F)	24
7D—Current History (m)		24
7E—Foreign Affairs (q)		24
7F—Foreign Policy Association: Weekly News Bulletin (w)		
7G—Foreign Policy Association: Information Service (bw)		25
7H—Illustrated London News (w) [Great Britain] Information Bulletin (Navy Department) (m) (See index 4.80A) Intelligence Summary (War Department) (bw) (See index 2F)		
7J—International Conciliation (m)		
7K—League of Nations Publications		
7L—L'Illustration (w) [France]		
7M—Literary Digest (w)		25
7N—Living Age (sm)		
7P—Nation (w)		
7Q—National Republic (m) Nelson's Loose Leaf Encyclopaedia—Revision Service		25
7R—Outlook (w) Public Affairs Information Service (w) Review of Current Military Writings (q)		25
7S—Review of Reviews (m)		
7T—Round Table (q) [Great Britain] Social Science Abstracts (m) (See index 13G)		
7U—Time (w)		
7V—World Peace Foundation Pamphlets (m)		
7W—World's Work (m)		25

7.1 Newspapers

Index publication covering this field: **NEW YORK TIMES INDEX**

Chicago Tribune (d)		
Kansas City Journal-Post (d)		
Kansas City Star (d)		
Kansas City Times (d)		
Leavenworth Times (d)		
New York Herald Tribune (d)		
New York Times (d)		
7.1H—United States Daily (d)		25

8. Economics

Index publications covering this field: **INTERNATIONAL INDEX TO PERIODICALS; PUBLIC AFFAIRS INFORMATION SERVICE; READERS' GUIDE TO PERIODICAL LITERATURE; SOCIAL SCIENCE ABSTRACTS**

8A—American Economic Review (q)		
8B—Annals of the American Academy of Political and Social Science (bm)		
8C—Business Week (w) Bulletin of the Pan American Union (m) (See index 7B)		
8D—Economic Geography (q) Federal Reserve Bulletin (m)		
8E—Journal of Political Economy (bm)		
8F—Fortune (w) Natural Gas (m) Panama Canal Record (w) Public Affairs Information Service (w) Round Table (q) [Great Britain] (See index 7T) Social Science Abstracts (m) (See index 13G)		25

9. Education

Index publications covering this field: INTERNATIONAL INDEX TO PERIODICALS; PUBLIC AFFAIRS INFORMATION SERVICE; READERS' GUIDE TO PERIODICAL LITERATURE; SOCIAL SCIENCE ABSTRACTS

Index number	Title	Selected articles page
	Historical Outlook (m) (See index 10D)	
9A	Journal of Adult Education	
9B	Progressive Education (q)	
9C	School and Society (w) (Combined with Educational Review)	
9D	School Life (m)	

10. Geography and History

(See also Current Affairs, Group 7)

Index publications covering this field: PUBLIC AFFAIRS INFORMATION SERVICE; RCMW; READERS' GUIDE TO PERIODICAL LITERATURE; SOCIAL SCIENCE ABSTRACTS

10A	American Historical Review (q).....	25
10B	Annals of Iowa (q).....	
10C	Asia (m) Hammond's Atlas—Revision Service	
10D	Historical Outlook (m)	
10E	Journal of American History (q).....	25
10F	Mississippi Valley Historical Review (q)	
10G	National Geographic (m)	
10H	New Mexico Historical Review (q) Public Affairs Information Service (w) Social Science Abstracts (m) (See index 13G)	

11. Libraries

(See also Books and Book Reviews, Group 6)

Index publications covering this field: READERS' GUIDE TO PERIODICAL LITERATURE

- Army War College—Library Accessions
- Coast Artillery School Library Notes (q)
- Infantry School Library Bulletin (sm)
- Libraries (m)
- Library Bulletin—Command and General Staff School
- Library Journal (sm)
- Naval War College—Library Bulletin
- Review of Current Military Writings (q)
- Wilson Bulletin

12. Literary and General

Index publications covering this field: READERS' GUIDE TO PERIODICAL LITERATURE

12A	American Magazine (m).....	25
12B	American Mercury (m).....	25
12C	Atlantic Monthly (m)	
12D	Century (q)	
12E	Collier's (w).....	25
12F	Cosmopolitan (m)	
12G	Forum (m)	
12H	Harpers Magazine (m).....	25
	Illustrated London News (w) [Great Britain] (See index 7H)	
12J	Liberty (w)	

Periodical Literature—Periodicals Received

Index number	Title	Selected articles page
L'Illustration (w) [France] (See index 7L)		
12K—New York Herald Tribune Magazine (w).....		25
12L—New York Times Magazine (w)		26
12M—North American Review (m)		
12N—Saturday Evening Post (w)		
12P—Scribner's (m).....		26
12Q—Yale Review (q).....		26

13. Periodical Indexes and Abstracts

Automotive Abstracts (m)	
International Index to Periodicals (5)	
New York Times Index	
Public Affairs Information Service (w)	
Readers' Guide to Periodical Literature (m)	
Review of Current Military Writings (q)	
13G—Social Science Abstracts (m)	

14. Sciences

Index publications covering this field: INTERNATIONAL INDEX TO PERIODICALS; PUBLIC AFFAIRS INFORMATION SERVICE; SOCIAL SCIENCE ABSTRACTS

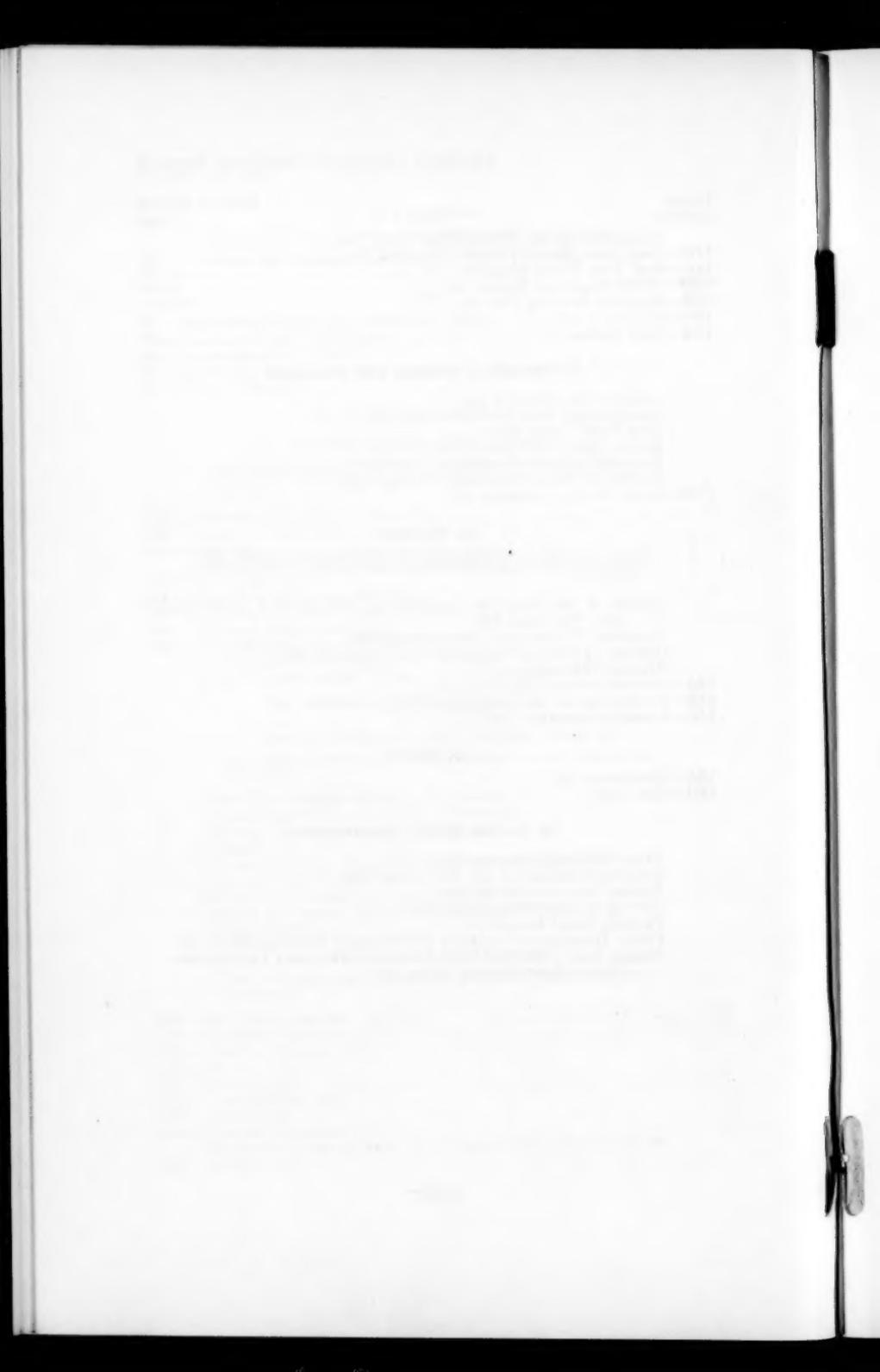
Annals of the American Academy of Political and Social Science (bm) (See index 8B)	
Chemical Warfare (m) (See index 4.23A)	
Journal of Political Economy (bm) (See index 8E)	
Natural Gas (m)	
14A—Political Science Quarterly (q)	
14B—Proceedings of the Academy of Political Science (sa)	
14C—Scientific American (m)	

15. Sports

15A—Sportsman (m)	
15B—Spur (sm)	

16. United States Government

Army List and Directory (bm)	
Congressional Record (d) (See index 7CB)	
Federal Reserve Bulletin (m)	
Library of Congress: New Books	
Panama Canal Record (w)	
Public Documents Catalogue (Government Printing Office) (m)	
Weekly List of Selected United States Government Publications (Government Printing Office) (w)	



Section 5

CATALOG OF SELECTED PERIODICAL ARTICLES

EXPLANATION

(See also Explanation, page 5)

This section catalogs the articles selected from Library periodicals for the current quarter. Section 4 preceding (Periodicals Received by the Library—beginning page 7) carries the identifying index number for each periodical and lists the page number where will be found its selected articles in this catalog. Section 4, therefore, should be consulted to locate periodicals in the following pages. Periodicals in this catalog are arranged in the same sequence as in Section 4, that is, by consecutive identifying index numbers.

The several issues of each periodical are listed in chronological order. Entries under each date give, in the order indicated: Full titles including secondary and explanatory; translated titles, in the case of foreign-language articles; author; digest or additional explanatory matter. All articles from a periodical are serially numbered for the quarter.

1A—AMERICAN LEGION

April 1930

- (1) U. S. VERSUS JOSEPH. Daly

1C—ARMY AND NAVY JOURNAL

17 May 1930

- (1) WAR STRENGTH INFANTRY DIVISION PROVISIONALLY REORGANIZED

1D—ARMY AND NAVY REGISTER

29 March 1930

- (1) MORALE AND LEADERSHIP. General Summary

- (2) ARMY FIELD MANUALS: Manual for commanders of large units (MCLU); Staff officers field manual (SOFM); Basic field manuals (BFM); Infantry field manual (IFM); Cavalry field manual (CFM); Field artillery field manual (FAFM); Coast artillery field manual (CAF); Air corps field manual (ACFM); Engineer field manual (EFM); Signal corps field manual (SCFM)

17 May 1930

- (3) WAR STRENGTH INFANTRY DIVISION PROVISIONALLY REORGANIZED

24 May 1930

- (4) NEW INFANTRY REGIMENT

1E—ARMY, NAVY AND AIR FORCE GAZETTE (Great Britain)

17 April 1930

- (1) THE ROYAL AIR FORCE AND IMPERIAL DEFENCE

24 April 1930

- (2) THE DEFENCES OF FINLAND: GROWTH OF A YOUNG ARMY. Colonel Aima (Finnish Army)

- (3) THE DEATH PENALTY

8 May 1930

- (4) LORD BEATTY AND THE ROYAL AIR FORCE

- (5) PORTUGUESE METEOROLOGICAL SERVICE

15 May 1930

- (6) EGYPT AND THE BRITISH
(7) SOME ADMINISTRATIVE DIFFICULTIES OF MECHANIZATION
(8) FRENCH TRAINING CAMPS

22 May 1930

- (9) EDUCATIONAL TRAINING IN THE ARMY
29 May 1930
(10) SPANISH ARMY CHANGES
(11) THE CHILEAN ARMY

12 June 1930

- (12) THE CHANNEL TUNNEL
1J—JOURNAL OF THE ROYAL UNITED SERVICE INSTITUTION (Great Britain)

May 1930

- (1) THE ROLE OF AIRCRAFT IN COAST DEFENCE. [Gold medal essay (Air) for 1929 by Wing Commander C.J. Mackay, M.C., D.F.C., R.A.F.]
(2) RECENT ECONOMIC DEVELOPMENTS IN THE DOMINIONS, COLONIES AND MANDATED TERRITORIES. (Lecture) Mackinder
(3) THE PRINCIPLES OF WAR. Lieutenant-Colonel de Watteville
(4) THE STRATEGICAL MOBILITY OF AIR FORCES. (Lecture) Group Captain Courtney
(5) THE THEORY AND PRACTICE OF MECHANIZATION. Lieutenant-Colonel Smith
(6) THE FLEET FIGHTER. Lieutenant Barrett
(7) THE CAPTURE OF BARCELONA. Captain Stache
(8) THE FUNCTIONS OF THE TERRITORIAL ARMY. (Lecture) Colonel Hanbury
(9) THE SUPPLY OF COOKED FOOD IN THE FIELD. Major Beckett
(10) THE DEFENCE OF DAYLIGHT BOMBING FORMATIONS. Flight Lieutenant Yool
(11) SCHEMES ON THE SAND TABLE. Captain Richards
(12) THE INTERNATIONAL SITUATION: The London Naval Conference; Anglo-German relations; The concentration of Soviet warships in the Black Sea; The strategic situation of Persia; The dispute between Iraq and Nejd.

1K—JOURNAL OF THE UNITED SERVICE INSTITUTION OF INDIA (Great Britain)

April 1930

- (1) COLLECTIVE TRAINING IN A BATTALION
- (2) THE LAST BRITISH RAIDS ON FRANCE AND THE BATTLE OF ST. CAST
- (3) TRAINING AND STAFF DUTIES IN THE TERRITORIAL ARMY
- (4) ACCOUNT BY AN EYE-WITNESS OF THE TAKING OF THE DELHI PALACE ON THE 20TH SEPTEMBER 1857
- (5) MECHANIZATION—HOW FAR IS IT POSSIBLE AND DESIRABLE IN THE IMPERIAL ARMY
- (6) MULTUM IN PARVO [BATTLE OF VITTORIO VENETO]
- (7) MAHSUD WAZIRISTAN 1919-20
- (8) SOME LESSONS OF THE PALESTINE CAMPAIGN
- (9) TIGRIS AND HYDASPE

2B—ARMY QUARTERLY (Great Britain)

April 1930

- (1) PROLOGUE TO A TRAGEDY. Colonel Thackeray
- (2) BRITISH LAND STRATEGY IN FOUR GREAT WARS (1702-1802). Part I—The War of the Spanish Succession. Major General Bird
- (3) REFLECTIONS ON THE RECENT DISTURBANCES IN PALESTINE, AUGUST, 1929. Captain Lee
- (4) THE LINES OF COMMUNICATION IN THE DARDANELLES. (With map) Lieutenant General MacMunn
- (5) THE AUSTRIAN OFFICIAL HISTORY OF THE WAR. (Book review)
- (6) GENERAL VON KUHL'S COMMENTARIES ON THE WAR. (Book review). [Note—KUHL: Der Weltkrieg, 1914-1918 (2 volumes) is in the Library.]
- (7) PROMOTIONS IN THE FIELD. Major Phelan
- (8) THE ORGANIZATION OF THE MODERN INFANTRY BATTALION. Lt. Col. Beauman
- (9) SEARCHLIGHTS IN AIR DEFENCE. Major Baines
- (10) PLATOON LEADERSHIP IN THE ENCOUNTER ATTACK. Lieutenant Colonel Willcox
- (11) GERMANY'S APOSTLE OF WAR [TREITSCHKE]. Captain Logan
- (12) IRANDHLWANA (with map)
- (13) THE DETERIORATION OF RECRUITING IN THE TERRITORIAL ARMY. Captain Blackwell

2F—INTELLIGENCE SUMMARY (War Department)

28 March 1930

- (1) ITALY: POLITICS AND ARMS
- (2) FRANCE: REPEATED CABINET CRISES
- (3) JAPAN: THE GENERAL ELECTION

11 April 1930

- (4) BRITISH EMPIRE: INDIA
- (5) SOVIET RUSSIA: STALIN AND AGRARIAN COLLECTIVIZATION
- (6) GERMANY: BANK FOR INTERNATIONAL SETTLEMENTS
- (7) COLOMBIA: PRESIDENTIAL CAMPAIGN

25 April 1930

- (8) BULGARIA: THE MACEDONIAN QUESTION
- (9) FRANCE: PUBLIC OPINION ON THE LONDON NAVAL CONFERENCE
- (10) CHINA: SOME DEVELOPMENTS IN THE SITUATION; INCLUDING MAP SHOWING MILITARY SITUATION, APRIL 21, 1930

9 May 1930

- (11) THE BRITISH EMPIRE: INDIA
- (12) SOVIET RUSSIA: OPENING OF THE TURKESTAN-SIBERIAN RAILROAD (map accompanying)
- (13) EASTERN REPARATIONS

23 May 1930

- (14) MILITARY OPERATIONS IN NORTHERN AFRICA
- (15) CHINA: THE MILITARY SITUATION; WITH ACCOMPANYING MAP
- (16) COMMERCIAL AVIATION IN LATIN AMERICA; INCLUDING MAP: AIRPLANES—CARIBBEAN AREA

6 June 1930

- (17) FRANCE: COLONIAL EMPIRE DEVELOPMENT
- (18) RUSSIA: WAR PSYCHOLOGY OF THE SOVIETS
- (19) GREAT BRITAIN: IMPERIAL RELATIONS WITH THE NEAR AND MIDDLE EAST
- (20) GERMANY: STATUS OF THE SAAR QUESTION

20 June 1930

- (21) ITALY: POST-CONFERENCE ATTITUDE OF ITALY ON ARMAMENTS
- (22) CHINA: NANKING FACES A CRISIS; WITH ACCOMPANYING MAP SHOWING: CHINA MILITARY SITUATION, JUNE 17, 1930
- (23) COMMERCIAL AVIATION IN LATIN AMERICA (continued); including map: Air routes in South America

2G—MILITÄR-WOCHENBLATT (Germany)

18 December 1929

- (1) NUTZANWENDUNGEN AUS DER TANK-SCHLACHT VON CAMBRAI. (I) [Application of the lessons from the tank battle at Cambrai.] (See abstract, page 61)
- (2) ZUR MECHANISIERUNG DES TROSSES. [The mechanization of the trains.] (Recent tests in France show that in mountainous regions, the efficiency of motorized transport is only $\frac{1}{2}$ that on level ground. Heavy trucks could not negotiate the smaller mountain roads and trails. It is, therefore, proposed to provide heavy and light trucks, and special trucks on rubber caterpillars. The size of the trains can be reduced by combining field and service trains.)
- (3) DAS ZUKUNFTS-PROGRAM DER DEUTSCHEN LUFT HANSA. [The future program of the German "Luft Hansa."] (In addition to the lines within Germany and those connecting with the principal cities of Europe, the Luft Hansa is developing its overseas line via Spain to South America, and its line to the Far East because it is in these directions that Germany is pushing its commercial expansion)
- (4) KRIMINALSTATISTIK DES REICHSEHERRENS 1927. [Criminal statistics of the Army for 1927.] (The criminal statistics of the Army show a marked and constant improvement in discipline since 1924. This is due to the greater political stability of the nation, the more liberal disciplinary regulations concerning military offenses and the general tendency toward law observance. The poorest showing is made by the enlisted class of 1919 and 1920, i.e., immediately after the War. Whereas in 1922 the proportion of military to civil crimes was as 3 to 1; it is today about even.)

- (5) AUF DER WERKSTATT DER TRUPPE: NAHKAMPFAUSBILDUNG. [Out of the workshop of the troops: Training hand to hand combat.] (Some hints how this can be promoted in connection with the regular physical training and sports within the organization)

- (6) STAHLHELMTARNUNG. [Camouflage for steel helmets.] (The writer points out that if any cover is put on the steel helmet it will offer enough resistance to cause small arms bullets to perforate the helmet.)

- (7) BESPRECHUNG DER TAKTISCHEN AUFGABE 3. [A discussion of the solution to Tactical Exercise No. 3.] (See abstract, page 63)

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25 December 1929

- (8) **FÜHRENTUM.** [Leadership.] [This book is in the Library. Title: Führertum; Class: M 920.] (Under the sponsorship of the Education Sections of the German War Department there has just been published for the benefit of officers a book containing the biographies of the 25 greatest military leaders of all times, among them Washington and Lee. Each sketch is divided into three parts. The first presents the personality of the individual, the influences that affected his character and times in which he lived. This is then followed by an account of his military achievements and finally these are judged in their influence on the art of war and for their political effect.)
- (9) **RICHTIGE BEWERKUNG DES WEHRHAUS-HALTERS.** [Correct measure of the military budget.] (It is customary to judge a nation's military preparations by the per cent of the total government expenses which are set aside for the military establishments. This is a very misleading criterion. The only real measure is to take the total sum to whatever department allotted which contribute to military power and prorate this amount according to the population.)
- (10) **NUTSANWENDUNGEN AUF DER TANK-SCHÄFT VON CAMBRAI.** (II) [Application of the lessons from the tank battle at Cambrai.] (See abstract, page 61)
- (11) **NACHSCHUBFRAGEN.** [Supply questions.] (A discussion to show that under modern conditions of battle the supply in moving situations will break down unless the majority of service trains are motorized. The German First Army would have had great difficulties in its supply except for the fact that its advance led it through what was practically a land of "milk and honey." It was able to requisition nearly all its Class I supplies except bread in the supply of which great difficulty was experienced.)
- (12) **TECHNISCHES VERSTÄNDNIS IM HEERE.** [Technical knowledge in the Army.] (A discussion of General Herr's recent book "Artillery, past, present and future," in which the writer discusses the importance General Herr places on the technical knowledge of French artillery officers.)
- 4 January 1930
- (13) **FREI IM GEIST, FEST IM CHARAKTER!** [Independent in spirit, strong in character.] (Transcript of a speech made by the Minister for Defense at the Infantry School, in which he extolled the cultivation of loyalty and character.)
- (14) **DAS DEUTSCHE REICHSSHEER.** [The German Army.] (A review of the progress made during the year.)
- (15) **DIES IRAE.** [Dies Irae. (The day of wrath)] (An account by the commander of the 56th German Division of the division attack on 9 April, 1916, on Dead Man's Hill [Verdun Front].) Nearly all attacks on this front failed because they were launched on too small a front and with insufficient preparation. Insufficient time was allowed for developing the infantry in its assembly position. As a result the infantry was tired at the opening of the attack. Inadequate artillery preparation permitted many hostile machine guns to remain in action.)
- (16) **HAT FULLER RECHT?** [Is Fuller right?] (See abstract, page 62)
- (17) **TAKTISCHE AUFGABE 4.** [Tactical Exercise No. 4.] (See abstract, page 63)
- 11 January 1930
- (18) **FEUERVORBEREITUNG ODER NICHT?** [Artillery preparation or not?] (The tremendous development of artillery fire in combat was dictated by the actual experiences of war. Its purpose was primarily to spare the infantry from losses and in this it succeeded. We may, therefore, expect that in the next war we will see the artillery employed in the same way and that we will have the artillery preparations and counterpreparation, the barrage in the defense and the accompanying fire in the attack.)
- (19) **DIE STRASZENPANZERKRAFTWAGEN DER INFANTERIE-DIVISION.** [Armored cars with the infantry division.] (A discussion of the characteristics and employment of armored cars on reconnaissance missions.)
- (20) **NOCHMAL: HAT FULLER RECHT?** [Again. Is Fuller right?] (See abstract, page 62)
- (21) **NÄCHTlicher PATROUILLENKRIEG AM LOUTURE BACH.** [Night raiding operations on Loutre Creek.] (On the night 9-10 August 1915, three raids were undertaken by the Germans along the Loutre in Lorraine. They all failed, principally because the enemy was well entrenched and because the raids lacked artillery support. Profiting by this experience, a raid on a larger scale was planned on the night 15-16 March 1916. Previously rehearsed this raid was then successful. Lesson to be learned is that raids must have the element of surprise, be well organized and prepared, and have a powerful artillery support, otherwise the losses suffered will be greater than the gains expected from the operations.)
- (22) **Die HEUTIGE WEHRMACHT POLENS.** [Military power of Poland today.] (An outline of Poland's military establishment, organization, training and equipment of her army.)
- (23) **LÖSUNG DER TAKTISCHEN AUFGABE 4.** [A solution to the requirements of Tactical Exercise No. 4.] (See abstract, page 63)
- 18 January 1930
- (24) **PERSONLICHET UND SCHEMA.** [Personality and routine.] (The great danger in any army is the tendency to routinize its tactics. An army is indeed fortunate if it has leaders with creative imagination and genius to visualize the characteristics of modern combat and the application of modern means thereto.)
- (25) **Die MILITÄRISCHE BEDEUTUNG DER MAIN-LINIE IN NEUZEITLICHEN LICHTEN.** [The military significance of the line of the Main River under present conditions.] (The line of the Main River which played so important a part in Napoleon's campaigns in Germany is today strategically weaker than ever due to the fact that it is out-flanked on the east by Czechoslovakia which must be counted as an ally of France.)
- (26) **DIE DÄNISCHE ARMEE.** [The Danish Army.] (A discussion of its organization, equipment and training.)
- (27) **Der "KLOTZ AM BEIN" HAT EINE TRADITION!** [The "clodhopper" has a tradition.] (A comparison between draft horse and motor to show the enormous power of draft horses and their indispensability in military operations. The writer says that in four years of war he can not recall a single battle that could have been fought without horses.) (See **RCMW** No. 36, page 70, **2G**—Militär-Wochenblatt, No. 103.)
- (28) **HAUPTMANN BEIM STABE.** [Captain on the staff.] (A plea for an additional captain on the staff of an infantry battalion.)

RCMW No. 37

2G—MILITAR-WOCHENBLATT (Germany) 18 January 1930 (continued)

- (29) DER FRÜHSPIEL DES SOLDATEN. [Early morning sports of the soldier.] (The writer, himself a captain holding the sport insignia, believes that the pendulum has swung too far in the army in the pursuit of military sports and suggests other soldierly qualities that it would be more profitable to cultivate.)
(30) BESPRECHUNG DER TAKTISCHEN AUFGABE 4. [A discussion of the solution to Tactical Exercise No. 4.] (See abstract, page 63)

2H—OUR ARMY

June 1930

- (1) TEN BLUNDERS OF THE WORLD WAR: THE DARDANELLES. Woods
(2) BEHIND THE CMTCA NOTES ON THE MILITARY TRAINING CAMP ASSOCIATION. Bowditch
(3) TEN YEARS OF THE CMTCA. James
(4) YANKEE DOODLE TO PARLEY-VOO. Dolph

2J—POINTER

21 March 1930

- (1) DISTINGUISHED GRADUATES OF THE MILITARY ACADEMY: PHILIP HENRY SHERIDAN, 1853. Castle

4 April 1930

- (2) DISTINGUISHED GRADUATES OF THE MILITARY ACADEMY: HORACE PORTER, 1860. Castle

18 April 1930

- (3) DISTINGUISHED GRADUATES OF THE MILITARY ACADEMY: WESLEY MERRITT, 1860. Jewett

2 May 1930

- (4) DISTINGUISHED GRADUATES OF THE MILITARY ACADEMY: GEORGE ARMSTRONG CUSTER, 1861. Bonsteel

16 May 1930

- (5) DISTINGUISHED GRADUATES OF THE MILITARY ACADEMY: GEORGE WASHINGTON GOETHALS, 1880. Gerhardt

3 June 1930

- (6) DISTINGUISHED GRADUATES OF THE MILITARY ACADEMY: JAMES ANDREW SHANNON, 1903. Castle

2K—RECRUITING NEWS

1 May 1930

- (1) TYPICAL ARMY POSTS OF TODAY: FORT SAM HOUSTON
(2) EIGHTH FIELD HAS BRIEF BUT EFFICIENT HISTORY
(3) FROM REVEILLE TO TAPS; A TYPICAL DAY IN THE LIFE OF THE CMTCA CADET. Smith

15 May 1930

- (4) THE UNITED STATES ARMY IN PEACE TIME (Editorial)
(5) PARATUS ET FIDELIS: FOURTH CAVALRY HAS LIVED UP TO ITS MOTTO OF "READY AND FAITHFUL"
(6) THE MAN OF THE HOUSE: A MONTH AT CMT CAMP WORKS A MIRACLE. Smith

1 June 1930

- (7) "ALL AMERICAN." Smith
(8) TYPICAL ARMY POSTS OF TODAY: PRESIDIO OF SAN FRANCISCO, GARDEN SPOT OF NINTH CORPS. Captain Slappy
(9) HARDY SONS OF THE DESERT: CRADLED ON RUGGED FRONTIERS, THE EIGHTH ENGINEERS ARE VIREL TROOPS. Smith

15 June 1930

- (10) LOUISIANA TO HAVE OWN CMT CAMP
(11) FROM RACE TRACK TO MODERN ARMY POST: FORT MONMOUTH, HOME OF SIGNAL SCHOOL, ONCE SCENE OF TURF CLASSICS. Lieutenant Clarke
(12) EIGHTH CAVALRY: MOST OF COMMAND'S SERVICE FOR MORE THAN HALF A CENTURY HAS BEEN ON FRONTIER. Richeson

2L—REVISTA MILITAR (Argentina)

February 1930

- (1) EMPLEO DE LOS EXPLOSIVOS EN LAS MINAS SURTERRÁNEAS Y TERRESTRES. [Use of explosives in underground and ground level mines.] Capitan Mocellini. (Discusses the purposes for which military explosives are used and the method of their use under the headings of subterranean galleries and ground level mines.)

- (2) EL RECLUTAMIENTO DE LOS OFICIALES EN ALEMANIA. [Method of obtaining army officers in Germany.] (I) By M.A.R. (Explains that each prospective army officer must now enlist and partake of the rôle of the soldier for a period ranging from three to six years depending upon his previous education. Outlines examinations which must be taken before being commissioned.)

- (3) LOS ASCENSOS EN EL EJÉRCITO. [Promotion in the Army (Argentine).] (I) Teniente-coronel Cattaneo. (Gives the text of a projected plan for promotion of officers. The plan requires that officers be capable of performing next higher duties. From lieutenant to colonel promotion is to be within the arm and by length of service. From colonel to general the promotion is from the general list. The period during which an officer will occupy each grade is from three to five years. To pass from one grade to another it is necessary that the officer graduate from certain military schools. To become a general it is necessary in addition to draw up a monograph with the subject prescribed by the General Staff and also direct personally a war game with the situation as laid down by the Chief of Staff. Gives arguments in favor of the proposed law. To be continued.)

- (4) LA ACTUACION DE LA FLOTA DE ALTA MAR ALEMANA EN LA GUERRA MUNDIAL. [Operations of the German high seas fleet in the World War.] (VI) Capitan Yaben. (Covers the period from the appointment of Hindenburg to supreme command of the Army and the starting of the unrestricted submarine campaign [August 1916–February 1917] to the end of the war. During this period the personnel of the fleet was used in growing proportion in manning the submarines with a resultant large loss. This made more precarious the employment of the fleet. Gives an account of several raids made by the fleet, the last on 24 April, 1918. Argues that the fleet should have offered battle to the English at the beginning of the war.)

- (5) LA EXPLORACION AÉREA. [Aerial observation.] (VIII) Capitan von Pfyffer. (Gives principles governing the location of searchlights and beacons to guide military planes. Gives the orders for a bombardment group to bomb certain railway installations shown on an accompanying sketch. This is followed by a discussion. Gives as historical example the bombing of Venice in 1918.)

- (6) EL SERVICIO GEOGRÁFICO DE GUERRA DEL EJÉRCITO ALEMÁN. [The geographical service of the German Army in the World War.] (II) Teniente-coronel Boelke. (Discusses the

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subject under the following headings: Aerial photography in general; the photograph and stereophotograph; the topographer; special work for the artillery, mine throwers and communication troops; the map; the printing and distribution of maps.

- (7) **EJÉRCITO ITALIANO.** [The Italian Army.] (II) [Contains various items of news concerning Italian military affairs as follows: Prize essay competition on military subjects under auspices of War Department for 1929-30; participation by Italian Army officers in the activities of the Italian Scientific Society; rules for solving quarrels between officers and establishment of courts of honor, etc.]
- (8) **DISCURSO DEL SEÑOR MINISTRO DE GUERRA Y MARINA DE ALEMANIA.** [Lecture by the German Secretary of War and Navy.] (A talk to the officer candidates at the Infantry School on December 17, 1929. Speaks of a book "Leadership" presented by the War Department to each candidate with the idea of giving them a high spiritual conception of their profession. He says the readers of the book may each select as his model one of the great leaders given in the book, not with the idea that he can be a Caesar or Moltke but with the idea of orienting his personality or life in a predetermined direction. The leaders selected in the book include among others: Epaminondas, Alexander the Great, Hannibal, Caesar, Adolphus, Drake, Cromwell, Washington, Napoleon, Wellington, Nelson, Clausewitz, Lee and Moltke. [This book is in the Library.])

March 1930

- (9) **LOS ASCENSOS EN EL EJÉRCITO.** [Promotion in the Army (Argentine).] (II) Teniente-coronel Cattaneo. (A continued article comparing the methods by selection and seniority.)
- (10) **ALGUNAS IDEAS SOBRE EL COMBATE DE MONTAÑA.** [Some ideas on mountain fighting.] Capitan Teisaire. (Describes certain principles of taking the best advantage of the terrain in fighting in mountainous districts.)
- (11) **EL RECLUTAMIENTO DE LOS OFICIALES EN ALEMANIA.** [Method of obtaining army officers in Germany.] (II) By M.A.R. (A continued article which describes the various school courses necessary in training officers of different arms.)
- (12) **BREVES CONSIDERACIONES SOBRE EL ARTE DE HERRAR.** [A short study of the art of horseshoeing.] Capitan Yolde. (A study of the anatomy and physiology of the horse's hoof in relation to the proper fitting of shoes.)
- (13) **EL ESTUDIO DE LA GEOGRÁFICA Y TOPOGRAFÍA MILITAR EN LOS INSTITUTOS MILITARES.** [The study of military geography in military schools.] By Topologo. (This article deals with the necessity for the study of geography and military topography in army schools.)
- (14) **CONSIDERACIONES SOBRE LA INFRAESTRUCTURA EN LOS PUENTES MILITARES.** [A study of the substructure of military bridges.] Capitan Mocellini. (A discussion from the engineer viewpoint of the construction of various types of military bridges.)
- (15) **EL MÉTODO "ITALIANI" PARA CONTROLAR LA ESTABILIDAD DE LAS POLVORAS MODERNAS.** [The "Italiani" method of controlling the stability of modern powders.] Teniente Cattaneo. (Describes the "Italiani" apparatus and methods of testing various military explosives.)
- (16) **ORGANIZACIÓN DEL TERRENO.** [Organization of the ground.] Teniente Martinez. (Describes the various elements to be con-

sidered in the organization of the ground from the engineer viewpoint.)

- (17) **LA EXPLORACIÓN AÉREA.** [Aerial observation.] (IX) Capitan von Pfyffer. (A continued article dealing with aerial tactics.)

2M—REVUE MILITAIRE FRANÇAISE
(France)

January 1930

- (1) **EN RELISANT CLAUSEWITZ.** [On re-reading Clausewitz.] (II) General Lemoine. (A critical comment on so much of Clausewitz' text as refers to the objectives and means of strategy,—moral forces, the armed forces, their supply.)
- (2) **LA DÉFENSE DU PAYS CONTRE LE DANGER AÉRIEN.** [The defense of the country against aerial attacks.] (I) Lieutenant-Colonel Vauthier. (A comprehensive discussion of this entire subject. Chapter I is devoted to the service of information. Chapter II takes up the means of defense against aircraft, offensive and defensive conceptions of such defense, and conclusions drawn therefrom.)

- (3) **LES COMBATS DE LA COTE 304 EN MAI 1916.** [The defense of Hill 304 in May, 1916—a study of the counterattack.] (From documents of the Historical Service) Capitaine Laxague. (A detailed study of one phase of the defense of Verdun, with special reference to the execution and effect of the French counterattacks. This fighting illustrates particularly how, in a defensive situation, an immediate counter-thrust reverses the roles of the two adversaries.)

February 1930

- (4) **EN RELISANT CLAUSEWITZ.** [On re-reading Clausewitz.] (III & IV) General Lemoine. (Third installment of a review of Clausewitz' work dealing particularly with the third and fourth volumes on the employment of the means available and the defense of a theater of war.)

- (5) **LA DÉFENSE DU PAYS CONTRE LE DANGER AÉRIEN.** [The defense of the country against aerial attacks.] (II) Lieutenant-Colonel Vauthier. (Second installment dealing with the anti-aircraft artillery and machine guns.)

- (6) **LE REVERS RUSSE EN PRUSSE ORIENTALE (AOÛT-SEPTEMBRE 1914).** [The Russian reverses in East Prussia (August-September 1914).] Capitaine Albord. (A discussion of the Russian defeats from the viewpoints of: (1) The condition of the materiel and state of morale of the Russian Army in 1914; (2) The organization and mentality of the Prussian high command; (3) The actual operations.)

- (7) **L'ORGANISATION DU TERRAIN ET SES CONSÉQUENCES.** [The organization of the ground and its consequences.] Colonel Chauvainau. (A discussion of the advantages and disadvantages of fortification of the battlefield which is the actual organization of the ground.)

March 1930

- (8) **EN RELISANT CLAUSEWITZ.** [On re-reading Clausewitz.] (V) General Lemoine. (A continuation of a re-study of Clausewitz. This installment deals with the attack of a theater of war.)

- (9) **LA DÉFENSE DU PAYS CONTRE LE DANGER AÉRIEN.** [The defense of the country against aerial attacks.] (III) Lieutenant-Colonel Vauthier. (Continued from January and February. The passive means of defense are discussed, particularly the steps to be taken for the protection of the civilian population.)

- (10) **UNE MANŒUVRE EN RETRAITE.** [A maneuver in retreat.] Lieutenant-Colonel de Charry. (This article covers the operations of the 43d [French] Division from 27 May to 4 June 1918

2M—REVUE MILITAIRE FRANCAISE
(France) March 1930 (continued)

when it was relieved by the 2d [US] Division northwest of Chateau Thierry.)

- (11) INITIATION AU VOYAGE MILITAIRE DES ALPES. [Initiation to military passage of the Alps.] (I) Colonel Revol. (In this installment the writer discusses the importance of the theater of operations and the routes followed by military expeditions in crossing the Alps.)
(12) ROSSIGNOL. (I) Lieutenant-Colonel Pugens. (This article describes the action at Rossignol 22 August 1914 when a French division was surprised while on the march, surrounded and wiped out.)

April 1930

- (13) EN RELISANT CLAUSEWITZ. [On re-reading Clausewitz.] (VI) General Lemoine. (Continuation of a re-study of Clausewitz. The attack of a theater of war is further considered.)

- (14) LA DÉFENSE DU PAYS CONTRE LE DANGER AÉRIEN. [The defense of the country against aerial attacks.] (IV) Lieutenant-Colonel Vauthier. (This, the final installment of this article deals with the organization and operation of a system of defense against aerial operations.)

- (15) INITIATION AU VOYAGE MILITAIRE DES ALPES. [Initiation to military passage of the Alps.] (II) Colonel Revol. (This is the concluding installment on this subject. The author considers the system of fortifications as well as defensive and offensive operations in this theater.)

- (16) ROSSIGNOL. (II) Lieutenant-Colonel Pugens. (This is the concluding article describing the action at Rossignol where a French division, on 22 August 1914, was surprised while on the march and wiped out. The author pays tribute to the peace time training of the Germans.)

May 1930

- (17) LES OPÉRATIONS AU MAROC. [The operations in Morocco.] (I) Lieutenant-Colonel de Boisboissel. (Consists of notes without didactic purpose of operations by the French in Morocco from July 1925 to the fall of 1926. Character of colonial warfare considered—not one of destruction, the adversary of today may be the ally of tomorrow. The Moroccan has no respect for anything but force. Character of terrain in theatre of operation considered. The adversary is independent, mobile, a good shot. The particulars of employment of the separate branches are set forth—infantry, cavalry, artillery, armored cars, aviation, colonial auxiliary forces.)

- (18) LA MOTORIZATION DANS L'ARMÉE DES ÉTATS-UNIS D'AMÉRIQUE. [Motorization in the United States Army.] (I) Captain Cammas. (The experience of the last war has shown that mobility must be restored to armies. Motorization may be the only solution hereof. The United States is in the front rank with Great Britain in the development of motorization. Italy, Poland, Russia, Belgium and the countries of the Little Entente are in the second rank, far behind. With them the financial situation prohibits development. All the favorable conditions are united in the United States—a developed mechanical industry, immense resources in automobiles, specialized personnel. The U.S. Army also in itself tends towards motorization because it is young, imbued with modernism, and like the rest of the nation, with efficiency. The vast domain of the country and its small army tend in the same direction—mobility is necessary.)

Thereupon the author traces the history of motorization in the United States from 1917 to the present including touring cars, ambulances, trucks, armored cars, tanks, artillery vehicles, caterpillar and other vehicles for transport over all types of terrain, and road vehicles.)

- (19) DE L'UTILITÉ DE LA FORTIFICATION PERMANENTE. [The utility of permanent fortifications.] Lieutenant-Colonel Morin. (The French fortifications on the Franco-German border determined the plan of German campaign in 1914, caused the violation of the neutrality of Belgium and brought England into the war. These fortifications permitted the First and Second French Armies to resist the offensive of the German left wing in August and September 1914. Next is considered the rôle played by the fortifications in the battle of the Marne, and in the war of position. It is concluded that the French fortresses served during the World War: (1) To cover mobilization; (2) To protect the concentration; (3) To fix the routes of enemy invasion; (4) To form a pivot of maneuver; (5) To guarantee against enemy turning movements and attacks in the rear; (6) To resist attack in front; (7) To provide a line of departure for the offensive. The author concludes that permanent fortifications are of great tactical and strategic value.)

- (20) GURANDE DU MOUVEMENT ET RAVITAILLEMENT. [Subsistence in the war of movement.] Intendant militaire Chaumont. (An historical résumé of the methods of supply employed during operations of movement in the World War, with lessons drawn therefrom.)

- (21) L'ARMÉE ESPAGNOLE DU MAROC. (The Spanish Army of Morocco,) Captain Tourrette. (A general examination of the country, the history of its conquest, and the actual character of the army.)

4.04A—INFANTRY JOURNAL

May 1930

- (1) INFANTRY VS. ATTACK AVIATION. Major Boyd and Lieutenant Green.
(2) JOHN BROWN'S RAID SEPTEMBER, 1777. Captain Sturdevant
(3) THE PSYCHOLOGICAL EFFECT OF INFANTRY WEAPONS. Captain Connors
(4) NATURAL TENDENCIES IN COMBAT. Major Lang
(5) IS DIVISION AVIATION WORTHWHILE? An Infantry Officer
(6) WAS JOFFRE A GREAT GENERAL? DeWeerd
(7) RETROSPECT: CIVIL WAR—MURFREESBORO. Major Jordan

June 1930

- (8) THE INFANTRY AND THE COAST ARTILLERY—AN AIR DEFENSE TEAM. Major Griffen
(9) TRAINING FOR ANTI-TANK FIRE WITH THE 37-MM. GUN. Captain Crim
(10) CHEMICAL TACTICS. Lieutenant Colonel Lull
(11) THREE LETTERS. Major Sanger
(12) RETROSPECT: CIVIL WAR—CHICKAMAUGA. Major Jordan

4.04B—REVUE D'INFANTERIE (France)

January 1930

- (1) EMPLOI TACTIQUE DES MITRAILLEUSES DANS L'OFFENSIVE. [The tactical employment of machine guns in the offensive.] Colonel Tonnet
(2) LA RADIOTÉLÉPHONIE SECRÈTE. [Secret radiotelephony.] Lieutenant-Colonel Bedoua

Periodical Literature—Catalog

- (3) VERDUN (FÉVRIER-MARS 1916) AVEC LA 6^e COMPAGNIE DU 73^e RÉGIMENT D'INFANTERIE. [Verdun (February to March 1916) with the 6th Company of the 73d Regiment of Infantry.] Lefebvre. (Extracts from the notebook of a volunteer of 18 years of age.)
- (4) NOTES SUR L'EMPLOI DU CINÉMA DANS L'INSTRUCTION DE L'INFANTERIE. [Notes on the use of moving pictures in the instruction of infantry.] Commandant Huere
- (5) UN RÉGIMENT DE SECONDE LIGNE DANS UNE BATAILLE DÉFENSIVE EN 1918. LE 173^e RÉGIMENT À LA BATAILLE DU MATZ (9-14 JUIN 1918). [A second line regiment in a 1918 defensive battle. The 173d Infantry Regiment at the Battle of Matz (9-14 June 1918).] (VI) Chef d'escadron Janet (Continuation of a description and discussion of the employment of this regiment on the defensive.)

February 1930

- (6) UNE COLONNE AU LEVANT. [A column in the Levant.] Capitaine Méchin. (A continuation of the description of conflict with the Djebel-Druze and the use of a lozenge formation in the defense of a convoy.)
- (7) LA PROTECTION ANTI-AÉRIENNE DE L'INFANTERIE DANS LES TRANSPORTS PAR CHEMIN DE FER. [Antiaircraft protection of the infantry during transport by rail.] Lieutenant-Colonel Hanaut. (A study of the means of protection against aerial bombardment and observation during transportation of troops by rail.)
- (8) UN RÉGIMENT DE SECONDE LIGNE DANS UNE BATAILLE DÉFENSIVE EN 1918. LE 173^e RÉGIMENT À LA BATAILLE DU MATZ (9-14 JUIN 1918). [A second line regiment in a 1918 defensive battle. The 173d Infantry Regiment at the Battle of Matz (9-14 June 1918).] (VII) Chef d'escadron Janet. (Continuation of a description and discussion of the employment of this regiment on the defensive. The end of the battle.)

March 1930

- (9) VOIR ET ÉCOUTER AU COMBAT. [Seeing and listening in combat.] (I) Commandant Barthe. (An elaborate treatise on military observation concerning the development of the spirit of observation, accurate vision and hearing, technical and tactical instruction, illustrated with sketches of material for effecting improvement in observation by all classes of personnel.)
- (10) UN RÉGIMENT D'INFANTERIE ALLEMANDE PENDANT LA GUERRE DE 1914-1918. [A German regiment of infantry during the War of 1914-1918.] (I) Lieutenant-Colonel Besnier. (A history of a German infantry regiment during the course of the War of 1914-1918; a study of the combat methods used in various situations by the Germans, a comparison with those of the French, and an evaluation of factors that influenced the morale of the German soldiers.)
- (11) UN RÉGIMENT DE SECONDE LIGNE DANS UNE BATAILLE DÉFENSIVE EN 1918. LE 173^e RÉGIMENT À LA BATAILLE DU MATZ (9-14 JUIN 1918). [A second line regiment in a 1918 defensive battle. The 173d Infantry Regiment at the Battle of Matz (9-14 June 1918).] (VIII) Chef d'escadron Janet. (Continuation of a description and discussion of the employment of this regiment on the defensive. Results, causes of tactical success and strategic failure of the Germans.)

April 1930

- (12) LES MOYENS DE FEU DE L'INFANTERIE, LEURS PROPRIÉTÉS, LEURS CARACTÈRES, LEURS POSSIBILITÉS DANS L'OFFENSIVE.

[Infantry fire weapons—their properties, characteristics, and possibilities in the offensive.] By X. (A consideration of both flat trajectory and high angle fire weapons in use in the French infantry with the conclusion that accompanying weapons are essential for use in the zone of the regiment.)

- (13) LA REPONSE DE LA RÉGLEMENTATION RELATIVE AUX CHARS DE COMBAT. [The revision of the regulations concerning tanks.] (III) Commandant J.P. (The regulations of June 1, 1929 pertaining to light tank units.)
- (14) VOIR ET ÉCOUTER AU COMBAT. [Seeing and listening in combat.] (II) Commandant Barthe. (Further elaborate consideration of the art of observation, the perspective, the aerial perspective, exercises. Instruction for observers and non-commissioned officers.)
- (15) UN RÉGIMENT D'INFANTERIE ALLEMANDE PENDANT LA GUERRE DE 1914-1918. LE 114^e RÉGIMENT D'INFANTERIE. [A German regiment of infantry during the War of 1914-1918.] (II) Lieutenant-Colonel Besnier. (Continued. Chapter VII—The defensive battle of the spring of 1917; Chapter IX—At the edge of the North Sea and on the crest of Flanders; Chapter X—The offensive of March 21, 1918; Chapter XI—The offensive of July 15, 1918; Chapter XII—Defensive operations, July, August, September 1918; Chapter XIII—The end of the War—the last days of September to the Armistice; Chapter XIV—Return to the interior. Conclusion.)
- (16) UN RÉGIMENT DE SECONDE LIGNE DANS UNE BATAILLE DÉFENSIVE EN 1918. LE 173^e RÉGIMENT À LA BATAILLE DU MATZ. [A second line regiment in a 1918 defensive battle. The 173d Infantry Regiment at the Battle of Matz (9-14 June 1918).] (IX) Chef d'escadron Janet. (Continuation of a description and discussion of the employment of this regiment on the defensive. Concluded.)

May 1930

- (17) L'ACCOMPAGNEMENT ET L'APPUI DIRECT DE L'INFANTERIE POUR L'ARTILLERIE. Désiderata et possibilités. [Accompaniment and direct support of infantry by artillery.] General Challeat. (Preamble; what the infantry may expect from armament and the actual regulations of artillery concerning accompaniment and direct support; artillery of immediate accompaniment; artillery in direct support; that which the infantry appears to want and that which it is possible to give to her. Conclusions as follows: It is now proposed to perfect and augment the formidable means of fire which the war gave to the infantry: (1) To replace the 37-mm gun, model 1916 by another of equal mobility, equally able to fire through embrasures and in addition to fire against tanks at short distances (400 or 500 meters); (2) To increase the range of rifle grenades to 400 or 500 meters; (3) To give to the company a small mortar of 60-mm; (4) Lastly it is proposed to give to the infantry regiment a third mortar of the same system as the two preceding and powerful enough to be used against well-defined objects and positions; (5) The infantry must not become deluded during the course of a long period of peace by its weapons to the point of thinking that even without tanks it would be able to dispense with the direct support of artillery. The infantry of defense will have similar weapons.)
- (18) IDÉES ALLEMANDES EN MATERIE DE DÉFENSE CONTRE CHARS. [German ideas on the matter of defense against tanks.] (I) Lieutenant-Colonel Grenier and Commandant Perre. (To be continued)

4.04B—REVUE D'INFANTERIE (France) May 1930 (*continued*)

- (19) UNE SOLUTION DU THÈME TACTIQUE DONNÉ AU CONCOURS D'ADMISSION À L'ÉCOLE SUPÉRIEURE DE GUERRE. [A solution to the tactical problem for admission to the Ecole Supérieure de Guerre given at the 1930 competition.] Commandant X.
- (20) SOLUTIONS DE THÈMES TACTIQUES POUR OFFICIERS ALLEMANDS CANDIDATS À L'ÉTAT-MAJOR. [German Army—Tactical themes for officer candidates for the General Staff.] Lieutenant-Colonel L.K.
- (21) LES CAUSES D'INCENDIE À BORD DES CHARS. [Causes of fire in tanks.] Capitaine Deygas

4.05A—ROYAL TANK CORPS JOURNAL
(Great Britain)

June 1930

- (1) I—THE TANK V. TANK FIGHT AT VILLERS-BRETONNEUX [BRITISH ACCOUNT]; II—BATTLE PROBLEMS—TANK V. TANK [German Account].

4.06C—REVUE DE CAVALERIE (France)

January-February 1930

- (1) ORGANISATION ET PRATIQUE DE L'INSTRUCTION DANS UN RÉGIMENT DE CAVALERIE AVEC LE SERVICE D'UN AN. [Organization and training in a cavalry regiment with the one-year enlistment.] Colonel Wallace. (Methods of training cavalry soldiers under the new policy of one-year enlistments.)
- (2) LA CAVALERIE MODERNE. Etudes tactiques (IV). La division de cavalerie dans l'action retardatrice. [Modern cavalry. Tactical studies. The cavalry division in retrograde action.] Commandant Keime. (Dealing with the cavalry division in a retrograde movement.)
- (3) LA 2^e DIVISION DE CAVALERIE ALLEMANDE AUX MANŒUVRES DE SILESIE EN 1928. [The 2d German Cavalry Division in the maneuvers at Silesia in 1928.] Capitaine de Lassus. (A study of the operations of a German cavalry division in a maneuver with particular regard to organization, arms, equipment and training.)
- (4) LE 1^{er} ESCADRON DU 7^e HUSSARDS À MARCEUIL. [The 1st Squadron, 7th Hussars at Marceuil.] (Action of a cavalry troop on the western front in the last days of the War, showing that cavalry is not powerless before trenches and machine guns.)
- (5) LES DÉTACHEMENTS D'EXPLORATION EN ALLEMAGNE. [Reconnaissance detachments in Germany.] Capitaine Gazin. (Review of an article on reconnaissance appearing in a German publication.)

March-April 1930

- (6) MANŒUVRES DE LA DIVISION DE CAVALERIE DE LUNÉVILLE EN 1929. [Maneuvers of the cavalry division at Lunéville, 1929.] Lieutenant Colonel d'Arras. (A narrative of the five day maneuver of a cavalry division to study: Reconnaissance, gaining contact, offensive action to break through a hostile screen and resumption of the advance. Also to study the supply of the division by truck.)
- (7) LA CAVALERIE MODERNE. Etudes tactiques (V). [Modern cavalry. Tactical studies.] Chef d'escadrons breveté Keime. (The second article which deals with the cavalry division in retrograde movements.)
- (8) CHARGE DU PELOTON ROMAN À VANCE (7 AOÛT 1914). [Charge of Lt. Roman's Platoon at Vance (7 August 1914).] (A platoon

of French cavalry charges and drives off a German squadron [troop].)

May-June 1930

- (9) LA CAVALERIE FRANÇAISE—LA VEILLE DE LA BATAILLE DES ARDENNES (I). [The French cavalry—the eve of the battle of the Ardennes.] Lieutenant-Colonel Pugens. (Does the cavalry share in the responsibility of the surprises of the 22d of August 1914?—the provisional cavalry corps on August 20th on the eve of the combat of Langlier-Neufchateau, on August 21st; the 4th Cavalry Division on August 21st.)
- (10) TRADITION ET PROGRÈS (I). [Tradition and progress.] Commandant d'Amionville. (A consideration of the utility of cavalry in modern warfare. I—Historical sketch of accomplishments of cavalry.)
- (11) L'ARTILLERIE À CHEVAL AUX MANŒUVRES DE L'ARMÉE DU RHIN EN 1928. [Horse artillery in the maneuvers of the Army of the Rhine in 1928.] Commandant Castaignet. (A narrative of operations; with 5 maps.)
- (12) LA CHARGE DE L'ESCADRON LA TAILLE À LANDRES (22 AOÛT 1914). [The charge of the Squadron of La Taille at Landres (22 August 1914).]

4.07A—FIELD ARTILLERY JOURNAL

May-June 1930

- (1) DIVISION ARTILLERY IN THE NEXT WAR. Major Barnes
- (2) THE DEVELOPMENT OF ARTILLERY IN THE GREAT WAR. Major General McNaughton
- (3) THE WHAT, WHERE, WHEN, HOW AND WHY OF THE ROTC. Major Christian
- (4) ARTILLERY AMMUNITION. Major Smith
- (5) AMMUNITION EXPENDITURE BY THE FIRST FIELD ARTILLERY, AEF

4.07B—JOURNAL OF THE ROYAL ARTILERY (Great Britain)

April 1930

- (1) THE NAVY TO-DAY. Captain Creagh
- (2) THE NEW ARTILLERY. Brigadier Finlayson
- (3) MOVING WARFARE: THE ARTILLERY AT ROSSIGNOL, 22ND AUGUST, 1914. Colonel Grasset

4.07C—REVUE D'ARTILLERIE (France)

January 1930

- (1) UN SERVICE EN CAMPAGNE DE 75. LE GROUPE DANS LA MARCHE D'APPROCHE. [A field exercise for 75s. The battalion in the approach march.] Chef d'escadron Ricard. (A description of the reconnaissance and selection of position and of the preparation of fire and of fire control and direction.)
- (2) L'ARTILLERIE DANS L'OFFENSIVE EN GUERRE DE POSITION (DIE ARTILLERIE BEIM ANGRIFF IM STELLUNGSKRIEG). [Artillery in the offensive in stabilized warfare. (By Colonel Bruchmuller, translated into the French by Captain Alzier.) (I) (Translation of the 1st chapter of Col. Bruchmuller's book.)
- (3) TIR AU SON DE L'ARTILLERIE ANTIAÉRIENNE. MESURE DE L'ALTITUDE DANS LA MÉTHODE DES COTANGENTES. [Antiaircraft firing with location by sound.] Lieutenant Beliard. (A description of a method, and of the necessary apparatus therefor, in which the altitude is measured by the cotangent method.)

February 1930

- (4) ÉTUDE SUR UN CAS CONCRET DE L'EMPLOI DE L'ARTILLERIE DANS UNE ATTACHE. [A study in which is given a concrete case of the employment of the artillery in an attack.] (I)

Periodical Literature—Catalog

(An attack against an enemy occupying with considerable density [one division on 5 or 6 kilometers of front] position which he has been able to organize without interruption for nearly a month.)

- (5) L'ARTILLERIE DANS L'OFFENSIVE EN GUERRE DE POSITION (DIE ARTILLERIE BEIM ANGRIFF IM STELLUNGSKRIEG). [Artillery in the offensive in stabilized warfare. (By Colonel Bruchmuller, translated into the French by Captain Aizier)] (II)

March 1930

- (6) ÉTUDE SUR UN CAS CONCRETE DE L'EMPLOI DE L'ARTILLERIE DANS UNE ATTAQUE. [A study in which is given a concrete case of the employment of the artillery in an attack.] (II) (Situation is the attack by an army of a battle position covered by outpost. This month's issue contains discussion on the following: (1) General discussion of artillery preparation on outpost and on battle position; (2) Determination of the times the successive objectives are to be attacked, and the length of the artillery preparations on these successive objectives; (3) Discussion of method of direct support—whether or not rolling barrage to be used.)

- (7) L'ARTILLERIE DANS L'OFFENSIVE EN GUERRE DE POSITION. [Artillery in the offensive in stabilized warfare. (By Colonel Bruchmuller, translated into the French by Captain Aizier)] (III) (This issue contains: description of the employment of artillery in the German division which attacked the Russian bridgehead at Witonitz, 1 November, 1916.)

- (8) L'ÉVOLUTION DES VÉHICULES DE COMBAT BLINDÉS ET DES VÉHICULES MILITAIRES MÉCANIQUES. [The development of armored vehicles and of military automotive vehicles.] (Description of: (1) Holt 16-ton tractor; (2) French medium tank, Model C; (3) Medium tank Mark I; (4) Medium Tank, Mark II; (5) "Independent Tank"; (6) The medium tank; (7) Dragons, Marks I and II; (8) British 18 pdr. self-propelled mount; (9) Carden Lloyd tractors [British]; (10) The Johnson and the Kegresse flexible tracks; (11) The following armored cars: Peerless; the Rolls Royce M 1926, Rolls Royce M 1924, The Lancasther; (12) Pavesi tractor.)

April 1930

- (9) Systèmes MODERNES d'ARTILLERIE. [Modern artillery systems.] General Challeat. (A discussion of the various cannon with which a modern army should be equipped, in five chapters. Chapter I discusses the importance of a thoroughly developed system, from two viewpoints: tactics, production. Chapter II contains a description of the pre-war Schneider system. In Chapter III are discussed the lessons of the war relative to: increase of range; wide field of fire; increase of mobility through motorization; increased rate of prolonged fire; increased angles of fall; antiaircraft. Chapter IV describes the system of materiel developed by the Schneider Company since the war. In Chapter V the importance of a thoroughly developed system is again emphasized.)

- (10) ÉTUDE SUR UN CAS CONCRETE DE L'EMPLOI DE L'ARTILLERIE DANS UNE ATTAQUE. [A study in which is given a concrete case of the employment of the artillery in an attack.] (III) (This number gives the army artillery orders and discusses their salient features.)
- (11) L'ARTILLERIE DANS L'OFFENSIVE EN GUERRE DE POSITION. [Artillery in the offensive in stabilized warfare. (By Colonel Bruchmuller, translated into the French by

Captain Aizier)] (IV) (The fourth installment of translation of Col. Bruchmuller's book. This installment covers the employment of the artillery in the attack of the Toboly bridgehead, 3 April 1917. Note by reviewer: Of particular interest is the employment [for the first time] of division artillery [IKa] to reinforce the counterbattery fires of corps artillery [AKa]—a proceeding which is now standardized in the German, French and American Armies.)

May 1930

- (12) LA MANOEUVRE D'ARTILLERIE. [The maneuver of artillery.] General Faujeron. (Contains description of the employment of artillery: Battle of Lech, 1632, by Gustavus Adolphus; Friedland, 1807, by Napoleon; Yalou, 1904, by Japanese [Kuroli]; French 37th Division, August 1918; Marengo, 1800; Austerlitz, 1805.)

- (13) ÉTUDE SUR UN CAS CONCRETE DE L'EMPLOI DE L'ARTILLERIE DANS UNE ATTAQUE. [A study in which is given a concrete case of the employment of the artillery in an attack.] (IV) (This installment discusses the instructions relative artillery contained in the army attack order.)

- (14) L'ARTILLERIE DANS L'OFFENSIVE EN GUERRE DE POSITION. [Artillery in the offensive in stabilized warfare. (By Colonel Bruchmuller, translated into the French by Major Brunet and Captain Aizier)] (V) (This installment describes the employment of the artillery with the German XXIII Corps in the attack in Eastern Galicia, 19 July 1917.)

- (15) TIR DU 75 SUR UN OBJECTIF RAPPROCHÉ D'UNE CRÈTE AMIE. [The fire of the 75-mm gun on targets near the crest of a hill held by friendly troops.] Chef d'escadron Jouquet. (A discussion of safety zones.)

- (16) LES VÉHICULES AUTOMOBILES SPÉCIAUX À ROUES INDÉPENDANTES, ROUES AVANT MOTRICES, SIX ROUES. [Special automotive vehicles with: individual wheel suspension; front wheel drive; six wheels.] Capitaine Libman. (A discussion essentially of the French, German, and Italian automotive field, of the advantages of such vehicles.)

4.08A—COAST ARTILLERY JOURNAL

May 1930

- (1) JOINT ANTIAIRCRAFT-AIR CORPS EXERCISES AT ABERDEEN PROVING GROUND (MAY 1930)
(2) MECHANIZED MACHINE GUNS. Major Brinics

June 1930

- (3) PROTECTION OF INFANTRY AGAINST AIR ATTACK. Captain Wharton
(4) THE SOLO ROLE OF ANTIAIRCRAFT ARTILLERY IN AIR DEFENSE
(5) THE FUTURE OF AIR WARFARE. Blake

4.10A—MILITARY ENGINEER

May-June 1930

- (1) TRANSPORTATION FOR NATIONAL DEFENSE. Hale
(2) EFFECT OF AVIATION ON MILITARY CONSTRUCTION. Major Cunningham
(3) THE COMMONWEALTH OF AUSTRALIA. Captain Parkhurst
(4) RUSSIAN WARTIME IMPRESSIONS. Major Guthrie
(5) RAILWAYS IN THE THEATER OF OPERATIONS. Major Scott
(6) MORALE AND LEADERSHIP. General Summerville
(7) WORLD WAR GENERALSHIP (Chicago Tribune)

4.11A—SIGNAL CORPS BULLETIN

May-June 1930

- (1) SIGNAL COMMUNICATION IN A BATTALION OF FIELD ARTILLERY DURING THE MEUSE-ARGONNE OFFENSIVE. Captain Gardner
- (2) SIGNAL SUPPLY IN THE THEATER OF OPERATIONS. Major Corlett
- (3) THE BRITISH SIGNAL SERVICE. Major Ingles

4.20A—QUARTERMASTER REVIEW

May-June 1930

- (1) OUR SOLDIER DEAD. Major White
- (2) THE GOVERNMENT IN BUSINESS. A discussion of the government owned Inland Waterways Corporation. Major General Ashburn
- (3) THE "WAR MOTHER" GOES "OVER THERE." Major Wilson
- (4) THE QUARTERMASTER'S RESPONSIBILITY IN HYGIENE AND SANITATION. Lieutenant Colonel Hart
- (5) THE FRENCH SUPPLY SYSTEM—THEATER OF OPERATIONS 1914-1918. Major Rowe
- (6) "MILITARY SUPPLY, IN ALL ITS PHASES, IS BUT ONE OF THE ATTRIBUTES OF COMMAND." Major General DeWitt

4.20B—REMOUNT

March-April 1930

- (1) POLO IN THE ARMY. Colonel Palmer

4.21A—ARMY MEDICAL BULLETIN

April 1930

- (1) THE TRAINING OF MEDICAL OFFICERS AT SERVICE SCHOOLS, AND THE EMPLOYMENT OF GRADUATES
- (2) CONDUCT OF TRAINING IN THE FIRST MEDICAL REGIMENT
- (3) DISCIPLINE. Lieutenant Colonel McKinney
- (4) PSYCHOLOGY IN LEADERSHIP. Major Jones
- (5) LEADERSHIP AND COMMAND. Lieutenant Colonel McKinney

4.21B—MILITARY SURGEON

June 1930

- (1) CONTRIBUTIONS OF THE MEDICAL DEPARTMENT OF THE UNITED STATES ARMY TO THE ADVANCEMENT OF KNOWLEDGE. Major Morgan

4.22A—ARMY ORDNANCE

May-June 1930

- (1) THE SERVICES OF SUPPLY. The American record overseas 1917-1918. Major General Harbord
- (2) A NEW WEAPON FOR FIELD ARTILLERY. A forecast of division armament in the next war. Major Barnes
- (3) INDUSTRIAL MOBILIZATION. Training course for reserve officers of supply services

4.23A—CHEMICAL WARFARE

April 1930

- (1) THE FIELD ARTILLERY AND CHEMICAL WARFARE. Lieutenant Sommerville
 - (2) WARFARE IN THE FUTURE. Major General Gilchrist
- May 1930
- (3) USE OF CHEMICAL SHELL BY THE FIELD ARTILLERY. Captain Wiener
 - (4) THE USE OF CHEMICALS IN DEFENSE OF AND IN ATTACKING ANTI-AIRCRAFT WEAPONS. Captain Troupe
 - (5) CHEMICAL WARFARE. Lieutenant Moroney
 - (6) CHEMICAL WARFARE TRAINING FOR THE soldier: A necessity and a practical possibility. Lieutenant Morin

June 1930

- (7) THE HOOVER WAR LIBRARY AT STANFORD UNIVERSITY
- (8) MEMORANDUM FOR INSTRUCTORS IN CHEMICAL WARFARE SCHOOLS. Lieutenant Colonel Gibson

4.80A—INFORMATION BULLETIN (Navy Department)

April 1930

- (1) DESTROYERS
- (2) JAPANESE JOINT ARMY AND NAVY MANEUVERS, 1929

4.80C—NAVAL INSTITUTE PROCEEDINGS

May 1930

- (1) WILL TO WIN. Eller
- (2) DIPLOMATIC ASPECTS OF THE NICARAGUA CANAL. Fisher

June 1930

- (3) SEA POWER AND WORLD UNITY. Brownson
- (4) THE SPANISH NAVAL PRISONERS OF WAR AT ANNAPOLIS, 1898. Magruder
- (5) RUSSIA MOVES EAST. Kieffer
- (6) THE FIRST CRUISER CAMPAIGN [POMPEY, 67 B.C.] Pratt

7A—AMERICAN JOURNAL OF INTERNATIONAL LAW

April 1930

- (1) NEUTRALITY DURING THE EUROPEAN WARS OF 1792-1815. Hyman
- (2) OFFICIAL DOCUMENTS: REPORT OF THE COMMITTEE OF EXPERTS ON THE SETTLEMENT OF THE REPARATION PROBLEM, JUNE 7, 1929 [complete text of the Young Plan]

7CB—CONGRESSIONAL RECORD

17 June 1930

- (1) SPEECH OF REPRESENTATIVE FITZGERALD (OHIO) ON THE SUBJECT OF ATHLETICS AT THE U.S. MILITARY ACADEMY; the football controversy; and including the full report of the Inspector General of the Army of his investigation of the activities of the Army Athletic Association (7 June 1930) (Pages 11416-11423)

7D—CURRENT HISTORY

April 1930

- (1) AMERICAN TROOPS IN RUSSIA (1918-1919). I—Reasons for American intervention; II—Experience of a "non-com"; III—Fighting in a "frozen hell."
- (2) GERMANY'S LAST COLONIES UNDER MANDATES. Schnee
- (3) PAUL VON HINDENBURG. Faust

May 1930

- (4) PHILIPPINE INDEPENDENCE. I—Independence opposed—General H.T. Allen; II—Plea for independence—Speaker M. Roxas

June 1930

- (5) TEXT OF LONDON NAVAL TREATY

July 1930

- (6) PROPAGANDA AS AN INSTRUMENT OF WAR. Bruntz
- (7) CAUSES OF CHINA'S CIVIL WARS. Abend

7E—FOREIGN AFFAIRS

July 1930

- (1) THE LONDON NAVAL CONFERENCE. I—An American view. W. Lippmann. II—A French view. A. Geraud

Periodical Literature—Catalog

7G—FOREIGN POLICY ASSOCIATION: INFORMATION SERVICE

2 April 1930

- (1) **LIMITATION OF LAND ARMAMENTS** (The burden of armaments; Compulsory disarmament; Work of the League toward disarmament)

30 April 1930

- (2) **PHILIPPINE INDEPENDENCE.** I—Introduction; II—Non-political achievements of American administration (Health; Public order; Education); III—Economic development under American rule (Foreign trade; Finances; The tariff regime); The land situation; IV—The political problem: development of self-government (The non-Christian provinces; Moro assimilation); The Central Government (The Jones Act; Powers of the Executive; Organization of the legislature; Organization of the judiciary; Checks and balances; Political parties); The Jones Act in operation (The First Phase—The Harrison regime, Parliamentary responsibility; The Government in business, The Wood-Forbes commission; The Second Phase—General Wood and the Jones Act, Conflict with Filipino leaders, Strengthening the American executive; Third Phase—The Stimson regime, Actual extent of self-government, The revival of the independence issue. V—Arguments for and against independence.

14 May 1930

- (3) **THE REPARATIONS SETTLEMENT:** The Young Plan; The conferences at the Hague (first and second sessions); The Bank for international settlements; Evaluation of the new plan; The settlement of Eastern Reparations (Austria, Bulgaria, Hungary, The Brocchi Plan); Conclusion.

28 May 1930

- (4) **THE LONDON NAVAL CONFERENCE**

7M—LITERARY DIGEST

31 May 1930

- (1) **JAPAN'S NEED OF ARMY REDUCTION**

7Q—NATIONAL REPUBLIC

May 1930

- (1) **OUTPOSTS OF DEPARTED GLORY:** Old frontier forts of Texas were advance guard of civilization . . . Crouch
(2) **UNCLE SAM'S RESERVE OFFICERS.** Training corps for reserve officers is the foundation for our national defense . . . Major Meredith

June 1930

- (3) **MAKING BETTER AMERICANS.** Our CMT Camps are about to celebrate their tenth birthday and the interest and attendance is steadily increasing. Adams
(4) **WORLD'S GREATEST PROBLEM.** Major General Everson

July 1930

- (5) **THE CAVALRY IS STILL WITH US.** Adams
(6) **THE FIRST UNITED STATES DRILLMASTER [VON STEUBEN].** George

7R—OUTLOOK

23 April 1930

- (1) **THE NEW FRENCH ARMY.** Lieutenant Colonel Bugnet

7 May 1930

- (2) **THE GUN VS. THE AIRPLANE.** Murphy

7W—WORLD'S WORK

May 1930

- (1) "BY GUESS AND BY GOD." Carr

June 1930

- (2) "RAISE PERISCOPE." Carr

July 1930

- (3) **TIN FISH AND DEPTH CHARGES.** Carr

7.1H—UNITED STATES DAILY

15 March 1930

- (1) **LIBRARY CIRCULATION IN THE UNITED STATES NAVY**

15 April 1930

- (2) **MILITIA'S ADVANCE IN PREPAREDNESS WINS HIGH PRAISE.** (Assistant Secretary of War tells . . . National Guard shows vast improvement)

23 April 1930

- (3) **TREATY LIMITING NAVAL ARMAMENT SIGNED IN LONDON.** (Complete text)

8F—FORTUNE

June 1930

- (1) I—THE FLEET; II—CAPITAL SHIPS (Illustrations)

10A—AMERICAN HISTORICAL REVIEW

April 1930

- (1) **RESPONSIBILITY FOR THE FAILURE OF THE BURGOYNE CAMPAIGN.** Clark

10E—JOURNAL OF AMERICAN HISTORY

Volume XXIII—Number 2

- (1) **THE REMARKABLE STORY OF CLARK'S "BLOODLESS CONQUEST" OF THE TERRITORY NORTHWEST OF THE OHIO RIVER.** Fuller

12A—AMERICAN MAGAZINE

May 1930

- (1) **HOW UNCLE SAM TURNS OUT GENTLEMEN.** Dixon

12B—AMERICAN MERCURY

April 1930

- (1) **FREE SPEECH IN KHAKI.** "An Army Officer"

12E—COLLIER'S

3 May 1930

- (1) **PANIC IN THE EAST.** (I) Churchill

17 May 1930

- (2) **LUDENDORFF AT TANNENBERG.** (II) Churchill

31 May 1930

- (3) **THE MAN WHO SAVED PARIS: ONE OF THE CRUCIAL CRIMES OF THE WAR.** (III) Churchill

14 June 1930

- (4) **THE MYSTERY OF THE MARNE: THE GREAT CRISIS ON THE WESTERN FRONT.** (IV) Churchill

5 July 1930

- (5) **DREADNAUGHTS AT BAY: THE THRILLING STORY OF THE DARDANELLES.** (V) Churchill

12H—HARPERS MAGAZINE

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- (1) **ROOSEVELT AND THE WAR.** Wister

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- (1) **UP FROM MILITARISM.** PRESIDENT VON HINDENBURG. Smyer

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- (1) WHEN BRIAND CLASHED WITH KITCHENER.
(. . . Reveals a dramatic episode of the days
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- (2) GRIM GIANT OF THE GERMAN REPUBLIC:
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- (3) LIVING MEMORIALS TO OUR SOLDIER DEAD.
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- (1) J.E.B. STUART. I—Portrait of a cavalry-
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- (2) J.E.B. STUART. II—Harper's Ferry;
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- (3) J.E.B. STUART. III—The ride around
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12Q—YALE REVIEW

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- (1) ARMAMENT AND ITS FUTURE USE. Liddell
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Section 6 SUBJECT INDEX

to
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EXPLANATION

(See also Explanation, page 5)

This section constitutes the subject index to the selected periodical articles catalogued in Section 5, page 15. The arrangement of headings is similar to that in the subject index for books (Section 2).

The entry under a subject heading consists of only the (short) title of the article, followed by reference numbers which serve to locate the complete data (Periodical name, date of issue, full titles, author, and digest) in the Catalog of Selected Periodical Articles (Section 5). The figure preceding the colon (:) is the identifying index number of the periodical. The figure (in curves) following the colon is the serial number of the article in the periodical identified by the index number.

To find the material on a particular subject, see the appropriate subject heading (consult like a dictionary). To locate the data on a specific article there found, consult first, Section 4, with the identifying index number; this will give the name of the periodical and the page on which will be found its contents. Then, locating the periodical on the indicated page, the serial number of the specific article will be found. This latter will give full data on the article, which itself, in full, can be obtained by calling for the particular issue in the Library.

For example: Investigating the subject of *Wars World War—G—Arms and Services—Artillery—Tactics Operations*, there are found under this heading several entries. Further information is desired concerning the title *La manoeuvre d'artillerie* [which has the reference figures 4.07C:(12)]. Referring to Section 4, it is found that index number 4.07C is the REVUE D'ARTILLERIE (France), and that articles therefrom are found on page 22. Turning to that page, under the index number 4.07C, the serial number (12) is found in the issue of May 1930: "La manoeuvre d'artillerie. [The maneuver of artillery.] General Faugeron." Obtaining this particular issue from the Library then, the article itself is available.

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Section 7
TRANSLATIONS OF FOREIGN-LANGUAGE ARTICLES

EXPLANATION

The entries from foreign-language periodicals in the Catalog of Selected Periodical Articles (Section 5) include concise digests of the articles; for an example see page 16. This (supplementary) Section 7, within the limitations of available facilities, translates in full or abstracts a few of the more important of such articles.

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Application of the lessons from the tank battle at Cambrai. [Nutzwendungen aus der Tankschlacht von Cambrai.] (*Militär-Wochenblatt*, 18, 25 December 1929) Abstracted by Lieutenant Colonel E. L. Gruber

After describing the situation and the troops engaged on each side, it is pointed out that success of the British was entirely due to surprise employment of 3 brigades of heavy tanks (380). Instead of pushing on rapidly through the forward combat zone to the decisive locality between Bois de Bourlon and Cambrai the British tanks stopped to assist the infantry. This enabled the Germans to get over their first surprise and take defensive measures principally with artillery fire and reserves to close the gap before the British discovered it.

The British failed to make the proper tactical use of their tanks at Cambrai in November 1917. Instead of being concentrated in the main effort, they were distributed along the whole front. Each division used its tanks differently. The principal mission was that of accompanying the infantry in breaking through and rolling up the first positions. After breaking through, 30 tanks waited at Marcoing for the cavalry to arrive. Four hours later the German 107th Division advancing from Cambrai succeeded in blocking the bridges over the canal and established new front between the canal and Bourlon Wood. Had the British tanks continued on their advance, they would have engaged the German artillery, captured the crossing at Marcoing, and struck the reserves before they could have organized for defense. The battle of Cambrai, therefore, brought out the following lessons in the employment of tanks:

- (1) Their action must be concentrated in a main blow which must be directed by the higher command.
- (2) The missions assigned must exploit the principal characteristics of the weapon—armor, fire power and mobility.
- (3) Their armor permits their use as a battering ram to assist the infantry in penetrating and fighting its way through the hostile position.
- (4) Their fire power and protection enables them to engage the hostile artillery in rear in close combat.
- (5) Their speed facilitates their use after breaking through to block the main routes in rear and engage the hostile reserves.
- (6) These three missions cannot be executed at the same time, hence tanks must be used in waves each strong enough to carry out a specific mission which should be assigned at the jump-off.

Let us see how the British should have used their tanks at Cambrai to carry out the above principles. In the first place they should have been concentrated in a main effort on a front of 5000-6000 yards between the Bois de Couvillet and Havrincourt. The mass of tanks (9 battalions with a total of 380 heavy tanks) should have been organized into five waves, the first four containing 80 tanks each and the last the remaining 60 tanks. The first two waves, without regard to the infantry advance, should have moved out as leading tanks and, rapidly penetrating the hostile position, should have pushed through to engage the hostile artillery. The first wave makes the actual penetrations, what is left of this wave assists the second wave in the close combat with the hostile artillery. The third wave is the accompanying wave, assisting the infantry in its combat against the strong points throughout the hostile position. The fourth wave is launched through the gap and the zone of the hostile artillery to engage the hostile general reserves. The fifth wave is at the disposition of the high command, as the situation may require, either to roll up the flanks of the broken front, to reinforce the leading waves, or to initiate the pursuit.

Had the British thus employed their mass of tanks at Cambrai, the battle would have had an entirely different outcome. The first and second waves advancing at 7:00 AM under a screen of smoke and the protective artillery fires on the dominant terrain features in the hostile zone, quickly penetrated the hostile position. Upon arriving on line with Ribécourt the left half should have finished off the German batteries at Ribécourt not silenced by counterbattery fire, and then pushed on to engage the German batteries west of Flesquieres and at Anneux. The right half should have cleaned up the hostile batteries under counterbattery fire west of Marcoing and then pushed on to secure the canal bridge east thereof. In the meantime the third wave would have assisted the infantry in overrunning the hostile position before the enemy could have reorganized his defense. The fourth wave would then follow, pushing right through the center in the direction of Cantaing where it would have arrived about 11:00 AM just as the 107th Division, in reserve and quickly alerted at Cambrai, was advancing to engage in the fight. This wave would soon be reinforced by the fifth wave and the break-through at Cambrai would have been successful for no other reserves were available until the next day. The situation need not be carried any further into the limbo of possibilities.

Is Fuller right? [Hat Fuller recht?] (*Militär-Wochenblatt* 4 January 1930) Abstracted by Lieutenant Colonel E. L. Gruber

A reply to an article by a tank enthusiast which appeared in a previous number [See RCMW No. 36, page 70, 2G—*Militär-Wochenblatt*, No. 115]. The writer throws a wet blanket on some of the exaggerated claims made by Fuller. The following arguments are made: The tanks attained their greatest success at Cambrai where their appearance was a complete surprise. In subsequent battles, tank losses were 50% to 60% notwithstanding that no effective antitank weapon was available nor an efficient antitank defense developed. The tank is a child of the plains of Flanders where all conditions favored its use. Large masses of tanks could not have been used by Germany in Transylvania, Serbia or Rumania. Nor can they be used today on many of Germany's critical fronts: Bohemia, Bavarian Alps, Black Forest, Oden Forest, on the Main. Although the tank may not reach Fuller's Utopian expectations, it will find a place on the battle field as the modern combat cavalry. In the meantime every nation will be careful not to divest itself of the means that it has, in order to take a chance on a weapon that is still in development.

(11 January 1930)

A continuation of the discussions of the ideas on mechanization presented by Colonel Fuller. The general opinion is that Fuller's ideas are somewhat Utopian and that probably the best and safest way is a middle one, in which

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mechanization is incorporated in our present organization to the extent which future developments will permit, but that complete mechanization would be a mistake.

Tactical exercises, Nos. 3-4. [Taktische Aufgabe 3-4.] (*Militär-Wochenblatt*, 18 December 1929-18 January 1930) Abstracted by Lieutenant Colonel E. L. Gruber

TACTICAL EXERCISE No. 3 (Discussion) (18 December 1929)

Discussion of the solution given in the previous exercise [See **RCMW** No. 36, page 133]. The reconnaissance instructions clearly bring out the disadvantages of the position to be occupied by the 2d Division:

- (1) The infantry heavy weapons must be concentrated too much due to a wooded zone that extends through the position which makes infantry defense within the position difficult;
- (2) Slight depth of zone for antitank defense in case the enemy decides to force a crossing of the obstacle in front of the position;
- (3) Insufficient observation posts for the artillery.

On the other hand, the nature of the terrain within the zone of resistance favors the concealed movement of reserves by covered routes and facilitates counterattack by reserves. In rear of the main line of resistance the enemy will be handicapped in the use of tanks, there being only a few open places suitable for tanks along the principal road through the position. Three sketches are given showing:

- (1) The deployment for defense of one infantry regiment and the division antitank gun company;
- (2) The results of engineer reconnaissance;
- (3) The deployment of the artillery.

TACTICAL EXERCISE No. 4. (Requirement) (4 January 1930)

A continuation of Tactical Exercise No. 3 which covered the occupation of a defensive position by a division as part of a corps. In the present exercise the situation is further developed to show the enemy reinforcing his advance detachments to drive in the defender's outpost. The division commander joins the outpost commander and directs that he withdraw during the night in rear of the main line of resistance in division reserve, the security mission being taken over by the combat outposts of the troops deployed in the battle position.

Requirement: The outpost commander's recommendations for the strength of the combat outpost and its position; also the execution of the relief.

TACTICAL EXERCISE No. 4. (Solution) (11 January 1930)

A solution of the situation and requirements given in the previous number. The outpost commander recommended that:

a. Each front-line battalion push forward as combat outpost one infantry company reinforced at the critical localities by machine guns. The strong points to be occupied by the combat outposts are then indicated each infantry battalion.

b. Prior to relief of the outpost, the company commander combat outpost should make a reconnaissance of routes and strong points. Troops should carry subsistence for 24 hours. Relief will be executed dark in the following order: Troops on the outpost line of machine guns and 1-pounders, cavalry, artillery, then corps staff. Outpost units in reserve will move to the rear at change in combat activity during the night. In case of during the night, all units being relieved will hold the positions they find themselves.

TACTICAL EXERCISE No. 4. (Discussion)

Discussion of the solution given in the previous recommendations of the commander of an advanced unit for the relief of the outpost by the combat out-